

Converting Colors

YUV(247.0610, -2.4951, 6.9625)

Have a look what the booklet for
YUV(247.0610, -2.4951, 6.9625)
contains.

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Color

**YUV(247.0610, -2.4951,
6.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F2
RGB	255, 244, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0431, 0.0510
CMYK	0.00, 0.04, 0.05, 0.00
HSL	9°, 100%, 97%
HSV	9°, 5%, 100%
XYZ	89.6177, 92.3722, 97.1107
YIQ	247.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

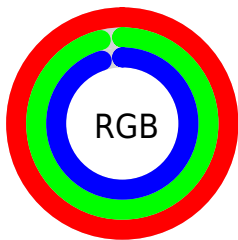
Format	Color
R _Y B	255, 244, 242
Decimal	16774386
CIE Lab	96.97, 3.34, 2.26
CIE LCh	97, 4.038, 34.110
Yxy	92.3722, 0.3211, 0.3310
Android (android.graphics.Color)	4294964466 (0xFFFFF4F2)
YUV	247.0610, -2.4951, 6.9625
Hunter-Lab	96.1104, -1.7519, 7.3703

Details

The YUV color $247.0610, -2.4951, 6.9625$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.9390, 2.4951, -6.9625$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.7620, -2.3477, 6.3477$ is the 20% darker color. If you saturate the color by 10%, you get $231.2970, -7.0484, 20.7875$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

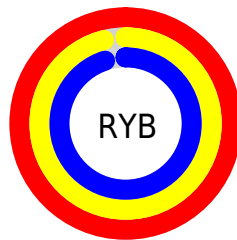
Distribution



Red (100%)

Green (96%)

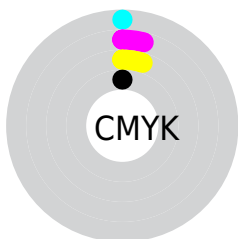
Blue (95%)



Red (100%)

Yellow (96%)

Blue (95%)

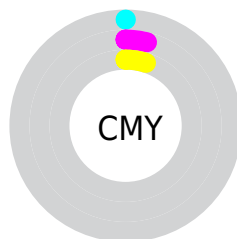


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 247.0610, -2.4951, 6.9625 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 247.0610, -2.4951, 6.9625 by changing the saturation by 10% instead.


 247.0610, -2.4951,
6.9625


 247.0610, -2.4951,
6.9625

255.0000, 0.0000,
0.0000


 218.7620, -2.3477,
6.3477

 190.7620, -2.3477,
6.3477

 163.7620, -2.3477,
6.3477

 137.4630, -2.2003,
5.7329

 111.8760, -1.9109,
6.2477

 87.4630, -2.2003,
5.7329

 64.1640, -2.0529,

5.1182

■ 42.2780, -1.6161,
5.0182

■ 21.8650, -1.9054,
4.5034

■ 247.0610, -2.4951,
6.9625

■ 247.0610, -2.4951,
6.9625

■ 231.2970, -7.0484,
20.7875

255.0000, 0.0000,
0.0000

■ 216.0060,
-12.3280, 34.1977

■ 200.1280,
-17.3181, 48.1227

■ 184.9510,
-22.1608, 61.4330

■ 169.0730,
-27.1510, 75.3580

■ 153.8960,
-31.9937, 88.6682

■ 138.0180,
-36.9839, 102.5932

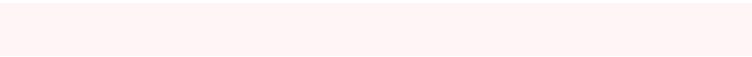
■ 122.2540,
-41.5372, 116.4182

■ 106.9630,
-46.8168, 129.8284

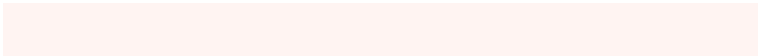
Harmonies

Analogous

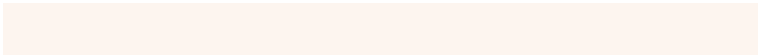
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.5170, -0.7479, 6.5626



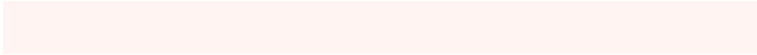
247.0610, -2.4951, 6.9625



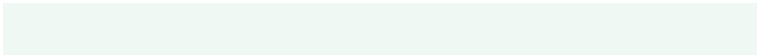
246.7080, -3.8000, 5.5181

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.0610, -2.4951, 6.9625



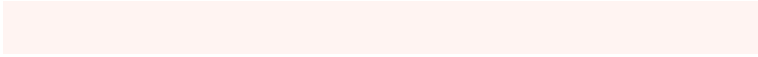
245.0380, -1.0047, -4.4183



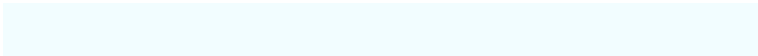
246.0150, 3.9366, -2.6442

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



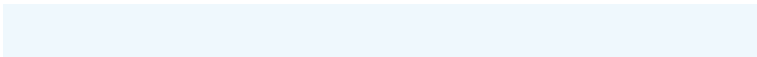
247.0610, -2.4951, 6.9625



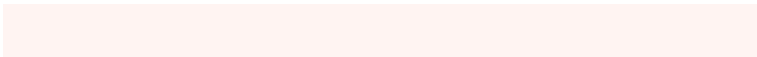
249.9390, 2.4951, -6.9625

Split Complementary

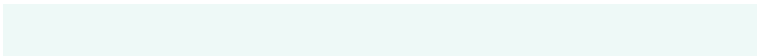
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.8790, 3.5107, -6.0329



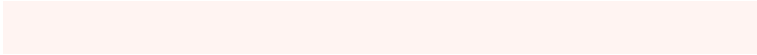
247.0610, -2.4951, 6.9625



245.4830, 0.7479, -6.5626

Square

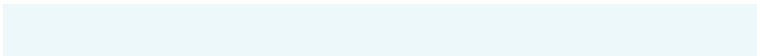
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.0610, -2.4951, 6.9625



245.6040, -2.7628, -0.5297



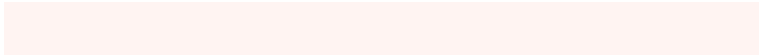
244.9390, 2.4951, -6.9625



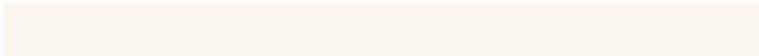
246.8090, 3.0522, 1.0445

Rectangle

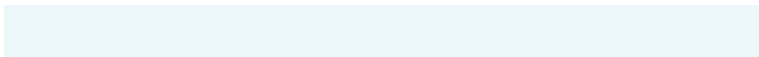
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



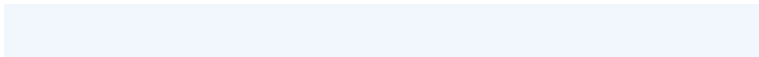
247.0610, -2.4951, 6.9625



246.6970, -3.7946, 3.7737



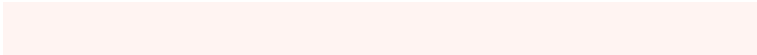
244.9390, 2.4951, -6.9625



246.3030, 3.7946, -3.7737

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



247.0610, -2.4951, 6.9625



252.0820, -1.0264, 2.5591



247.1410, 2.8885, 6.8923



125.8970, -0.4422, 1.8443



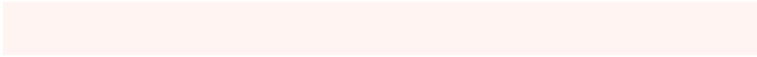
0.0000, 0.0000, 0.0000



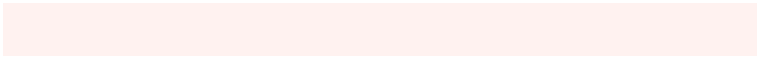
128.0000, 0.0000, 0.0000

Same Dimension

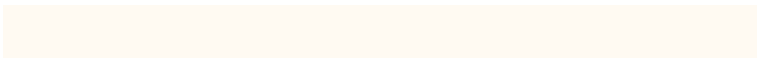
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.0610, -2.4951, 6.9625



245.6590, -2.7899, 8.1921



250.5830, -4.2314, 3.8737



122.2780, -1.6161, 5.0182



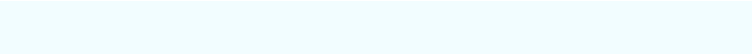
74.1320, -36.5471, 102.4932



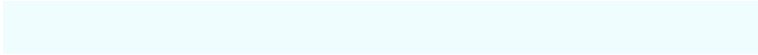
25.0060, -12.3280, 34.1977

Inverse Universe

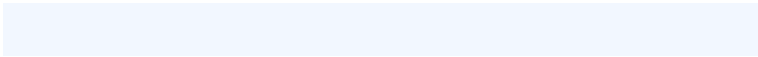
The Inverse Universe completely reimagines the original color for something new.



249.9390, 2.4951, -6.9625



249.3410, 2.7899, -8.1921



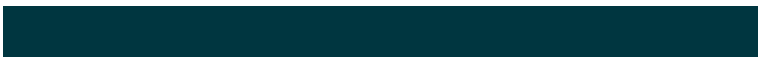
246.4170, 4.2314, -3.8737



124.1350, 1.9054, -4.5034



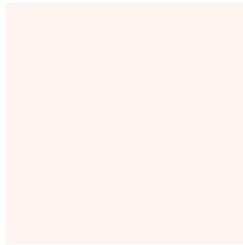
116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977

Previews

White Background



This preview shows how the YUV color 247.0610, -2.4951, 6.9625 looks on a white background.

Color Contrast Check

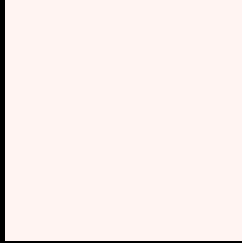
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 247.0610, -2.4951, 6.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

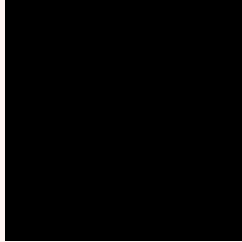
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

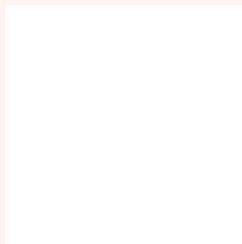
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.0610, -2.4951, 6.9625

Background



This preview shows how black text looks on a background with the YUV color 247.0610, -2.4951, 6.9625.



This preview shows how white text looks on a background with the YUV color 247.0610, -2.4951,

6.9025.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

247.0610, -2.4951, 6.9625

Protanopia

246.5660, -1.7580, 3.8886

Deuteranopia

247.4030, -1.1847, 6.6626



Tritanopia

247.3580, 3.7675, 4.9480

Trichromacy



Original Color

247.0610, -2.4951, 6.9625

Protanomaly

246.8650, -1.9054, 4.5034

Deuteranomaly

247.2890, -1.6215, 6.7625

Tritanomaly

247.0870, 1.4361, 6.0627

Monochromacy



Original Color

247.0610, -2.4951, 6.9625

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.0610, -2.4951, 6.9625 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 244, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 242) }
```

Border

The CSS property to change the border of an element to YUV 247.0610, -2.4951, 6.9625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 244, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 244, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 244, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 247.0610, -2.4951, 6.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
244, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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