

Converting Colors

YUV(247.4090, -3.6526, 4.9033)

Have a look what the booklet for
YUV(247.4090, -3.6526, 4.9033)
contains.

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Color

**YUV(247.4090, -3.6526,
4.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF6F0
RGB	253, 246, 240
RGB Percent	99%, 96%, 94%
CMY	0.0078, 0.0353, 0.0588
CMYK	0.00, 0.03, 0.05, 0.01
HSL	28°, 76%, 97%
HSV	28°, 5%, 99%
XYZ	89.1920, 93.0855, 95.7044
YIQ	247.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

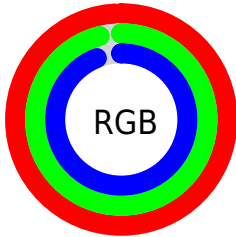
Format	Color
R _Y B	253, 251, 240
Decimal	16643824
CIE Lab	97.26, 1.32, 3.70
CIE LCh	97, 3.925, 70.421
Yxy	93.0855, 0.3209, 0.3349
Android (android.graphics.Color)	4294833904 (0xFFFD6F0)
YUV	247.4090, -3.6526, 4.9033
Hunter-Lab	96.4808, -3.8266, 8.7237

Details

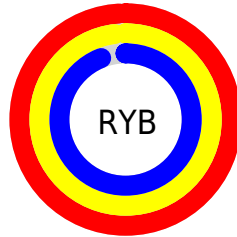
The YUV color $247.4090, -3.6526, 4.9033$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.5910, 3.6526, -4.9033$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.1100, -3.5052, 4.2885$ is the 20% darker color. If you saturate the color by 10%, you get $236.3410, -10.5211, 14.6099$, and if you desaturate by 10%, it is $254.4020, 0.2948, -1.2296$.

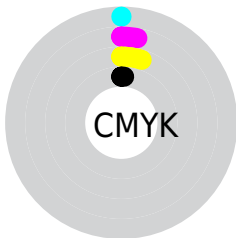
Distribution



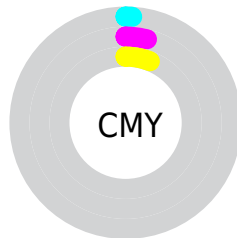
- Red (99%)
- Green (96%)
- Blue (94%)



- Red (99%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.4090, -3.6526, 4.9033 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 247.4090, -3.6526, 4.9033 by changing the saturation by 10% instead.

247.4090, -3.6526,
4.9033

247.4090, -3.6526,
4.9033

255.0000, 0.0000,
0.0000

219.1100, -3.5052,
4.2885

191.1100, -3.5052,
4.2885

164.1100, -3.5052,
4.2885

137.5230, -3.2158,
4.8033

112.2240, -3.0684,
4.1886

87.9250, -2.9210,
3.5738

64.9250, -2.9210,

3.5738

■ 42.9250, -2.9210,
3.5738

■ 21.9250, -2.9210,
3.5738

■ 247.4090, -3.6526,
4.9033

■ 247.4090, -3.6526,
4.9033

■ 236.3410,
-10.5211, 14.6099

254.4020, 0.2948,
-1.2296

■ 225.7460,
-18.1158, 23.9018

■ 214.6780,
-24.9843, 33.6084

■ 204.1970,
-32.1421, 42.8002

■ 193.1290,
-39.0106, 52.5069

■ 181.9470,
-46.3159, 62.3135

■ 171.4660,
-53.4737, 71.5053

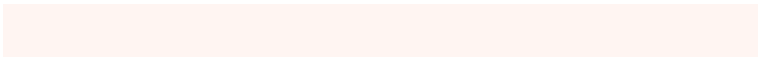
■ 160.3980,
-60.3422, 81.2120

■ 149.2160,
-67.6475, 91.0186

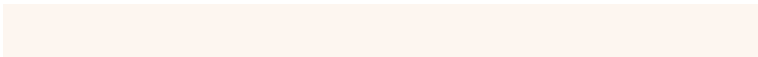
Harmonies

Analogous

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



247.6480, -2.7845, 6.4477



247.4090, -3.6526, 4.9033



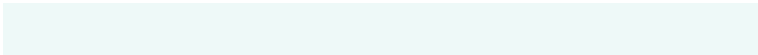
246.8000, -3.3524, 1.9294

Triad

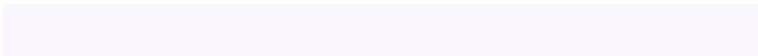
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.4090, -3.6526, 4.9033



245.5970, 1.1847, -6.6626



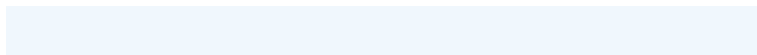
247.9940, 2.4680, 1.7593

Complementary

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



247.4090, -3.6526, 4.9033



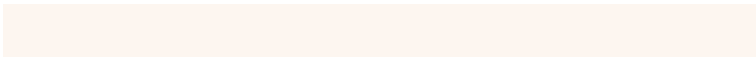
245.5910, 3.6526, -4.9033

Split Complementary

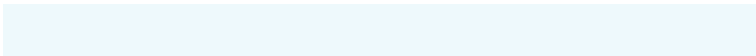
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3140, 3.7892, -2.0294



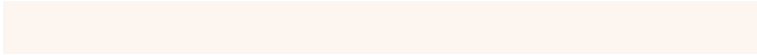
247.4090, -3.6526, 4.9033



246.0530, 2.9319, -7.0625

Square

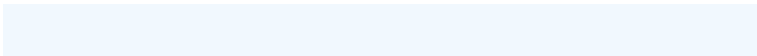
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



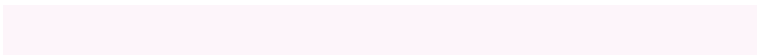
247.4090, -3.6526, 4.9033



246.0380, -1.0047, -4.4183



246.5910, 3.6526, -4.9033



247.9620, 1.0047, 4.4183

Rectangle

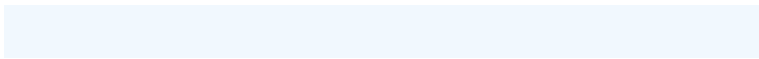
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.4090, -3.6526, 4.9033



246.4900, -3.1996, -0.4297



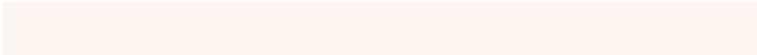
246.5910, 3.6526, -4.9033



247.5100, 3.1996, 0.4297

Sweetspot

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



247.4090, -3.6526, 4.9033



252.6690, -1.3158, 2.0443



244.6850, 1.1413, 7.2923



126.4840, -0.7316, 1.3295



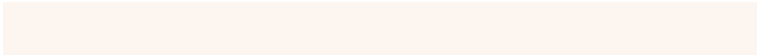
0.0000, 0.0000, 0.0000



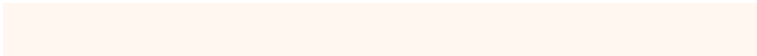
128.0000, 0.0000, 0.0000

Same Dimension

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



247.4090, -3.6526, 4.9033



248.5940, -4.2368, 5.6181



250.9310, -5.3890, 1.8145



124.0390, -2.4842, 3.4738



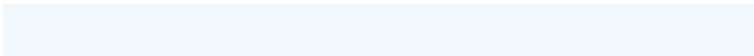
108.7650, -53.6211, 72.1201



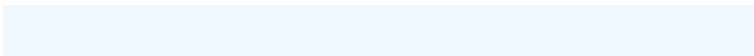
36.1590, -17.8264, 24.4166

Inverse Universe

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



245.5910, 3.6526, -4.9033



246.4060, 4.2368, -5.6181



242.0690, 5.3890, -1.8145



122.3740, 2.7736, -2.9590



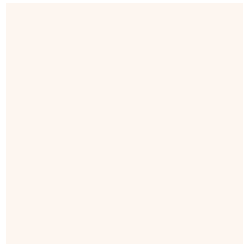
82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 247.4090, -3.6526, 4.9033 looks on a white background.

Color Contrast Check

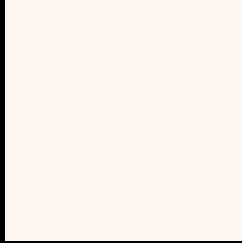
Large Text (above 18pt) WCAG AA × Fail

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 247.4090, -3.6526, 4.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

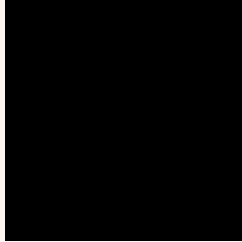
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

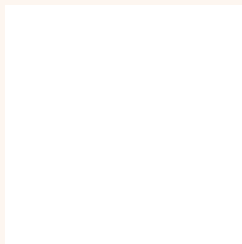
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.4090, -3.6526, 4.9033

Background



This preview shows how black text looks on a background with the YUV color 247.4090, -3.6526, 4.9033.



This preview shows how white text looks on a background with the YUV color 247.4090, -3.6526,

4.9033.

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**

247.4090, -3.6526, 4.9033

Protanopia

247.4090, -3.6526, 4.9033

Deuteranopia

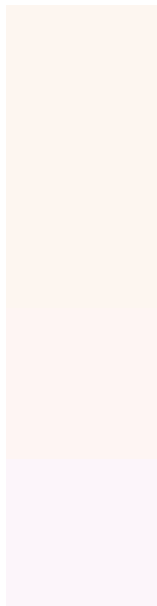
247.9900, -1.4741, 6.1478



Tritanopia

248.2330, 3.3361, 3.3037

Trichromacy



Original Color

247.4090, -3.6526, 4.9033

Protanomaly

247.4090, -3.6526, 4.9033

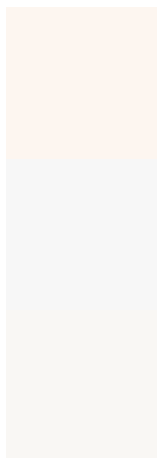
Deuteranomaly

247.4630, -2.2003, 5.7329

Tritanomaly

247.6630, 1.1521, 3.8035

Monochromacy



Original Color

247.4090, -3.6526, 4.9033

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.2560, -1.6052, 1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.4090, -3.6526, 4.9033 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(253, 246, 240)` looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 240)  
}
```

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(253, 246, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 240) }
```

Border

The CSS property to change the border of an element to YUV 247.4090, -3.6526, 4.9033 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(253, 246, 240) }
```


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

```
.border{ border-color:rgb(253, 246, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 246, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 247.4090, -3.6526, 4.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 240) }
```

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

```
.background{ background-color: rgb(253,  
246, 240) }
```

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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