

Converting Colors

YUV(243.1170, -7.4527,
10.4214)

Have a look what the booklet for
YUV(243.1170, -7.4527, 10.4214)
contains.

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Color

**YUV(243.1170, -7.4527,
10.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0E4
RGB	255, 240, 228
RGB Percent	100%, 94%, 89%
CMY	0.0000, 0.0588, 0.1059
CMYK	0.00, 0.06, 0.11, 0.00
HSL	27°, 100%, 95%
HSV	27°, 11%, 100%
XYZ	86.4037, 89.1816, 86.0586
YIQ	243.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

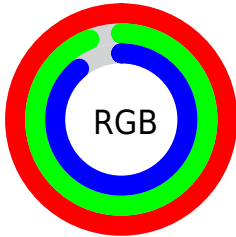
Format	Color
R _Y B	255, 250, 228
Decimal	16773348
CIE Lab	95.66, 3.08, 7.59
CIE LCh	96, 8.196, 67.908
Yxy	89.1816, 0.3302, 0.3409
Android (android.graphics.Color)	4294963428 (0xFFFFF0E4)
YUV	243.1170, -7.4527, 10.4214
Hunter-Lab	94.4360, -1.9455, 12.0748

Details

The YUV color $243.1170, -7.4527, 10.4214$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.8830, 7.4527, -10.4214$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.9320, -6.8685, 9.7066$ is the 20% darker color. If you saturate the color by 10%, you get $232.0490, -14.3212, 20.1280$, and if you desaturate by 10%, it is $254.2990, -0.1474, 0.6148$.

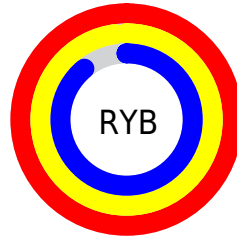
Distribution



Red (100%)

Green (94%)

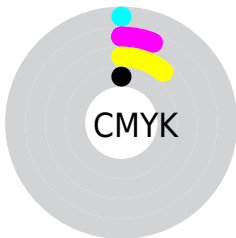
Blue (89%)



Red (100%)

Yellow (98%)

Blue (89%)

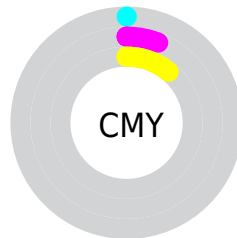


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.1170, -7.4527, 10.4214 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 243.1170, -7.4527, 10.4214 by changing the saturation by 10% instead.


 243.1170, -7.4527,
10.4214


 243.1170, -7.4527,
10.4214


255.0000, 0.0000,
0.0000


 214.8180, -7.3053,
9.8066

 186.9320, -6.8685,
9.7066

 159.9320, -6.8685,
9.7066

 133.6330, -6.7211,
9.0919

 108.4480, -6.1369,
8.3771

 84.4480, -6.1369,
8.3771

 61.1490, -5.9895,

7.7623

■ 38.9640, -5.4053,
7.0476

■ 17.9920, -7.8841,
8.7770

■ 243.1170, -7.4527,
10.4214

■ 243.1170, -7.4527,
10.4214

■ 232.0490,
-14.3212, 20.1280

254.2990, -0.1474,
0.6148

■ 220.8670,
-21.6264, 29.9346

255.0000, 0.0000,
0.0000

■ 209.2120,
-28.2055, 40.1561

■ 198.0300,
-35.5108, 49.9627

■ 186.9620,
-42.3793, 59.6693

■ 175.7800,
-49.6845, 69.4759

■ 164.7120,
-56.5530, 79.1826

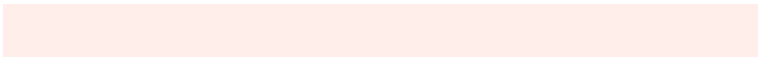
■ 153.5300,
-63.8583, 88.9892

■ 142.5760,
-70.2900, 98.5958

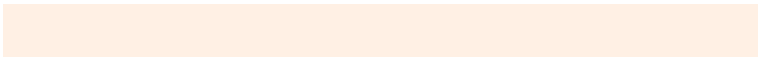
Harmonies

Analogous

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



242.5130, -4.6899, 10.9511



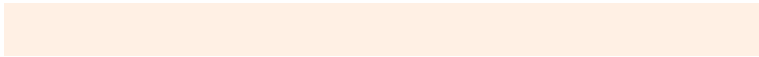
243.1170, -7.4527, 10.4214



242.3720, -7.5784, 4.0588

Triad

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



243.1170, -7.4527, 10.4214



239.7810, 2.0800, -13.8399



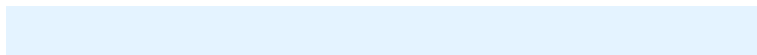
243.8030, 5.5201, 2.8038

Complementary

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



243.1170, -7.4527, 10.4214



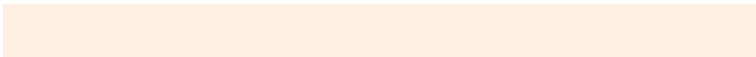
239.8830, 7.4527, -10.4214

Split Complementary

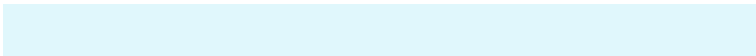
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.9870, 6.4154, -4.3736



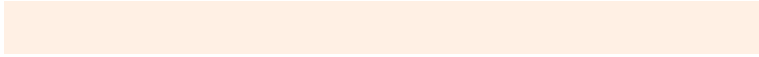
243.1170, -7.4527, 10.4214



240.6930, 5.5744, -14.6398

Square

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



243.1170, -7.4527, 10.4214



240.3640, -2.1515, -9.9662



241.3560, 6.7265, -10.8362



244.3370, 2.2989, 9.3515

Rectangle

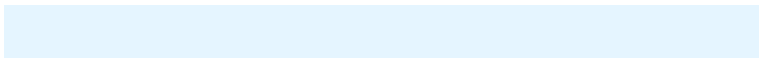
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.1170, -7.4527, 10.4214



241.2790, -6.5465, -0.2447



241.3560, 6.7265, -10.8362



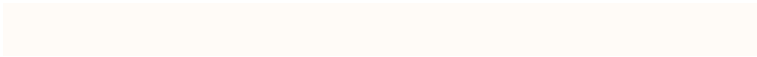
243.4930, 5.6730, 0.4446

Sweetspot

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



243.1170, -7.4527, 10.4214



251.7400, -2.3368, 2.8590



237.7830, 2.5720, 15.0993



125.5550, -1.7526, 2.1443



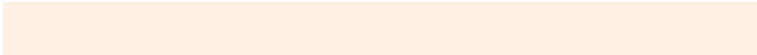
0.0000, 0.0000, 0.0000



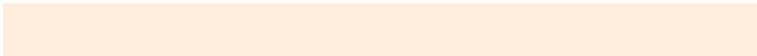
128.0000, 0.0000, 0.0000

Same Dimension

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



243.1170, -7.4527, 10.4214



240.6720, -9.2053, 12.5657



250.7480, -11.2148, 3.7290



121.8220, -3.3632, 5.4181



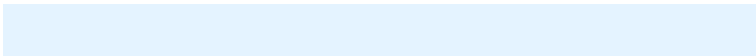
107.0040, -52.7530, 73.6645



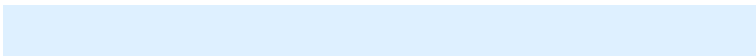
35.5720, -17.5370, 24.9314

Inverse Universe

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



239.8830, 7.4527, -10.4214



236.3280, 9.2053, -12.5657



232.2520, 11.2148, -3.7290



120.5910, 3.6526, -4.9033



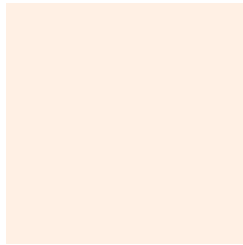
83.9960, 52.7530, -73.6645



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 243.1170, -7.4527, 10.4214 looks on a white background.

Color Contrast Check

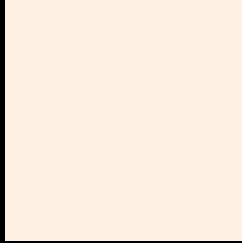
Large Text (above 18pt) WCAG AA × Fail

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 243.1170, -7.4527, 10.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

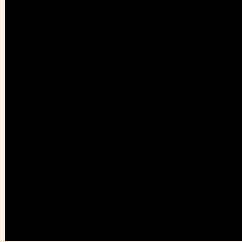
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 243.1170, -7.4527, 10.4214

Background



This preview shows how black text looks on a background with the YUV color 243.1170, -7.4527, 10.4214.

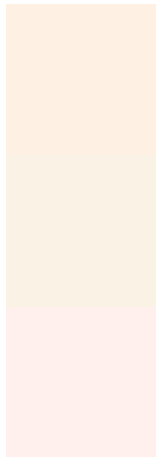


This preview shows how white text looks on a background with the YUV color 243.1170, -7.4527,

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

243.1170, -7.4527, 10.4214

Protanopia

242.9100, -6.8576, 6.2179

Deuteranopia

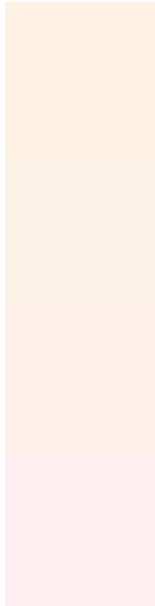
243.5560, -3.2321, 10.0364



Tritanopia

244.6790, 3.6093, 9.0515

Trichromacy



Original Color

243.1170, -7.4527, 10.4214

Protanomaly

242.9210, -6.8631, 7.9623

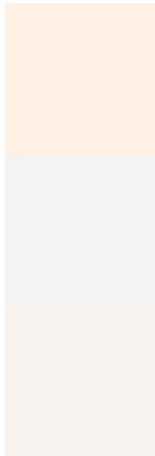
Deuteranomaly

243.2140, -4.5425, 10.3363

Tritanomaly

244.2400, -0.6113, 9.4365

Monochromacy



Original Color

243.1170, -7.4527, 10.4214

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.1170, -7.4527, 10.4214 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, 240, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 228)  
}
```

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, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 228) }
```

Border

The CSS property to change the border of an element to YUV 243.1170, -7.4527, 10.4214 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, 240, 228) }
```


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

```
.border{ border-color:rgb(255, 240, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 243.1170, -7.4527, 10.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 228) }
```

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

```
.background{ background-color: rgb(255,  
240, 228) }
```

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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