

Converting Colors

YUV(225.0620, -3.9746,
14.8546)

Have a look what the booklet for
YUV(225.0620, -3.9746, 14.8546)
contains.

YUV(225.0620, -3.9746, 14.8546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(225.0620, -3.9746,
14.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DAD9
RGB	242, 218, 217
RGB Percent	95%, 85%, 85%
CMY	0.0510, 0.1451, 0.1490
CMYK	0.00, 0.10, 0.10, 0.05
HSL	2°, 49%, 90%
HSV	2°, 10%, 95%
XYZ	74.2137, 74.0298, 76.0233
YIQ	225.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

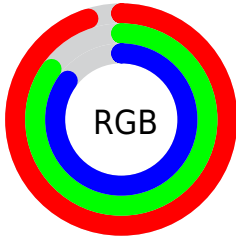
Format	Color
R _Y B	242, 218, 217
Decimal	15915737
CIE Lab	88.94, 8.10, 3.50
CIE LCh	89, 8.827, 23.331
Yxy	74.0298, 0.3309, 0.3301
Android (android.graphics.Color)	4294105817 (0xFF F2DAD9)
YUV	225.0620, -3.9746, 14.8546
Hunter-Lab	86.0406, 3.3930, 7.8412

Details

The YUV color $225.0620, -3.9746, 14.8546$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $233.9380, 3.9746, -14.8546$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.7630, -3.8272, 14.2398$ is the 20% darker color. If you saturate the color by 10%, you get $208.8250, -7.8017, 29.0945$, and if you desaturate by 10%, it is $241.2990, -0.1474, 0.6148$.

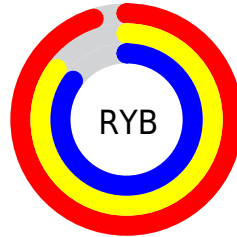
Distribution



Red (95%)

Green (85%)

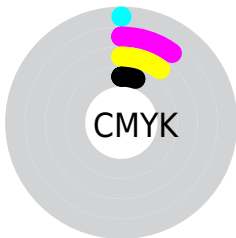
Blue (85%)



Red (95%)

Yellow (85%)

Blue (85%)

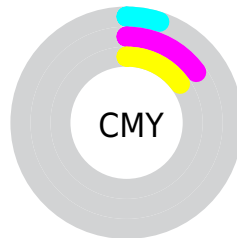


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (5%)



Cyan (5%)


Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.0620, -3.9746, 14.8546 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 225.0620, -3.9746, 14.8546 by changing the saturation by 10% instead.


 225.0620, -3.9746,
14.8546

 225.0620, -3.9746,
14.8546


255.0000, 0.0000,
0.0000


 197.0620, -3.9746,
14.8546

 169.7630, -3.8272,
14.2398

 143.4640, -3.6798,
13.6251

 117.2790, -3.0955,
12.9103

 92.8660, -3.3849,
12.3955

 69.5670, -3.2375,
11.7807

 46.9690, -2.9427,

10.5512

■ 25.7840, -2.3585,
9.8364

■ 2.6910, -1.3267,
5.5330

■ 225.0620, -3.9746,
14.8546

■ 225.0620, -3.9746,
14.8546

■ 208.8250, -7.8017,
29.0945

■ 241.2990, -0.1474,
0.6148

■ 192.5880,
-11.6289, 43.3343

■ 251.1130, 1.9163,
-7.9921

■ 175.6500,
-15.6034, 58.1890

■ 159.4130,
-19.4306, 72.4288

■ 143.1760,
-23.2578, 86.6686

■ 126.9390,
-27.0849, 100.9085

■ 110.1150,
-30.6227, 115.6631

■ 93.7640, -34.8867,
130.0030

■ 78.2280, -38.5664,
143.6280

Harmonies

Analogous

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



225.4900, 0.2514, 12.7253



225.0620, -3.9746, 14.8546



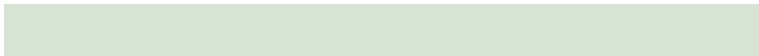
224.5410, -7.1687, 12.6805

Triad

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



225.0620, -3.9746, 14.8546



221.5170, -4.1989, -6.5924



223.1220, 8.3209, -8.8770

Complementary

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



225.0620, -3.9746, 14.8546



233.9380, 3.9746, -14.8546

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.



221.4480, 7.1741, -14.4249



225.0620, -3.9746, 14.8546



220.6240, 0.1854, -12.8252

Square

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



225.0620, -3.9746, 14.8546



222.4640, -7.1308, 0.4701



220.7530, 4.5588, -15.5694



224.2370, 7.2782, -1.0848

Rectangle

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



225.0620, -3.9746, 14.8546



223.5900, -8.1789, 10.0066



220.7530, 4.5588, -15.5694



222.1110, 8.3263, -10.6213

Sweetspot

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



225.0620, -3.9746, 14.8546



249.9790, -1.4686, 4.4034



227.2110, 6.7980, 12.9700



124.3810, -1.1738, 3.1739



0.0000, 0.0000, 0.0000



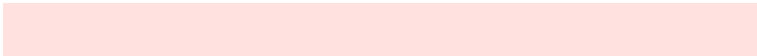
128.0000, 0.0000, 0.0000

Same Dimension

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



225.0620, -3.9746, 14.8546



234.4430, -5.1484, 18.0285



232.1060, -7.4473, 8.6770



111.5880, -1.7689, 7.3773



59.1250, -29.1486, 109.5154



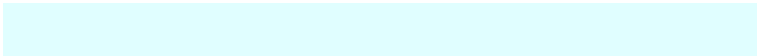
17.9180, -8.8336, 33.3979

Inverse Universe

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



233.9380, 3.9746, -14.8546



245.1440, 4.8590, -18.5433



226.8940, 7.4473, -8.6770



115.8250, 2.0583, -6.8625



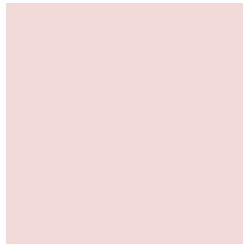
124.2880, 29.4380, -109.0006



38.0820, 8.8336, -33.3979

Previews

White Background



This preview shows how the YUV color 225.0620, -3.9746, 14.8546 looks on a white background.

Color Contrast Check

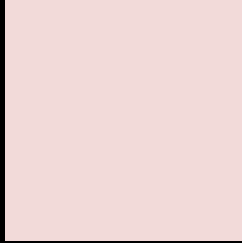
Large Text (above 18pt) WCAG AA × Fail

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 225.0620, -3.9746, 14.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

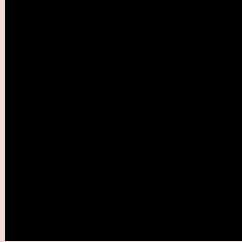
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

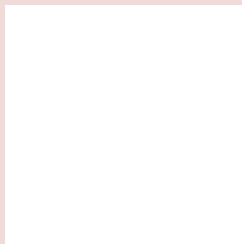
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.0620, -3.9746, 14.8546

Background



This preview shows how black text looks on a background with the YUV color 225.0620, -3.9746, 14.8546.

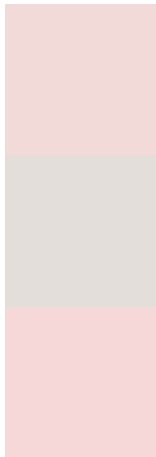


This preview shows how white text looks on a background with the YUV color 225.0620, -3.9746,

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

225.0620, -3.9746, 14.8546

Protanopia

223.4520, -2.1948, 3.9886

Deuteranopia

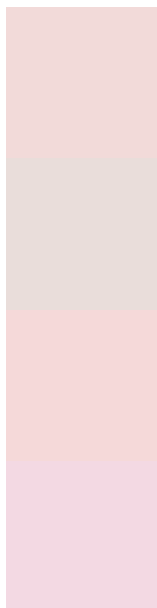
225.3830, -4.1328, 18.9581



Tritanopia

226.1960, 2.8614, 15.6141

Trichromacy



Original Color

225.0620, -3.9746, 14.8546

Protanomaly

224.2460, -3.0793, 7.6773

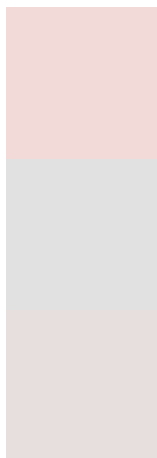
Deuteranomaly

225.3720, -4.1274, 17.2138

Tritanomaly

225.9140, 0.5354, 14.9844

Monochromacy



Original Color

225.0620, -3.9746, 14.8546

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.0620, -3.9746, 14.8546 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(242, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 217)  
}
```

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(242, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 217) }
```

Border

The CSS property to change the border of an element to YUV 225.0620, -3.9746, 14.8546 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(242, 218, 217) }
```


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

```
.border{ border-color:rgb(242, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 218,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 225.0620, -3.9746, 14.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 217) }
```

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

```
.background{ background-color: rgb(242,  
218, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor