

Converting Colors

YUV(233.5800, -9.6529,
16.1543)

Have a look what the booklet for
YUV(233.5800, -9.6529, 16.1543)
contains.

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Color

**YUV(233.5800, -9.6529,
16.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE4D6
RGB	252, 228, 214
RGB Percent	99%, 89%, 84%
CMY	0.0118, 0.1059, 0.1608
CMYK	0.00, 0.10, 0.15, 0.01
HSL	22°, 86%, 91%
HSV	22°, 15%, 99%
XYZ	80.0259, 81.0373, 75.0423
YIQ	233.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

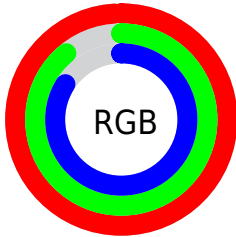
Format	Color
R _Y B	252, 236, 214
Decimal	16573654
CIE Lab	92.15, 5.98, 9.80
CIE LCh	92, 11.480, 58.608
Yxy	81.0373, 0.3389, 0.3432
Android (android.graphics.Color)	4294763734 (0xFFFC E4D6)
YUV	233.5800, -9.6529, 16.1543
Hunter-Lab	90.0207, 1.1452, 13.5897

Details

The YUV color $233.5800, -9.6529, 16.1543$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.4200, 9.6529, -16.1543$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.9820, -9.3581, 14.9248$ is the 20% darker color. If you saturate the color by 10%, you get $221.3380, -15.9426, 26.8906$, and if you desaturate by 10%, it is $245.8220, -3.3632, 5.4181$.

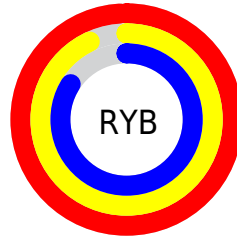
Distribution



Red (99%)

Green (89%)

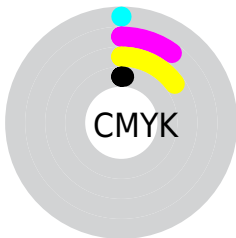
Blue (84%)



Red (99%)

Yellow (93%)

Blue (84%)

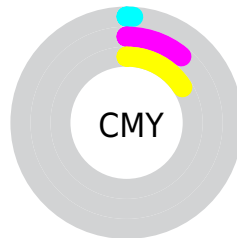


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.5800, -9.6529, 16.1543 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 233.5800, -9.6529, 16.1543 by changing the saturation by 10% instead.


 233.5800, -9.6529,
16.1543


 233.5800, -9.6529,
16.1543


255.0000, 0.0000,
0.0000


 205.2810, -9.5055,
15.5396

 177.9820, -9.3581,
14.9248

 151.0960, -8.9213,
14.8248

 124.9110, -8.3371,
14.1101

 100.3130, -8.0423,
12.8805

 76.1280, -7.4581,
12.1657

 53.2420, -7.0213,

12.0658

■ 31.6440, -6.7265,
10.8362

■ 8.6380, -4.2585,
12.5955

■ 233.5800, -9.6529,
16.1543

■ 233.5800, -9.6529,
16.1543

■ 221.3380,
-15.9426, 26.8906

■ 245.8220, -3.3632,
5.4181

■ 209.0960,
-22.2323, 37.6268

■ 254.1030, 0.4422,
-1.8443

■ 196.7400,
-28.9588, 48.4630

■ 184.4980,
-35.2485, 59.1993

■ 172.2560,
-41.5382, 69.9355

■ 160.6010,
-48.1173, 80.1569

■ 148.3590,
-54.4070, 90.8932

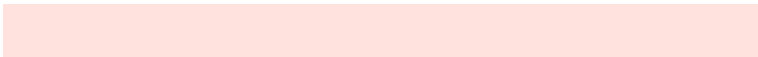
■ 136.0030,
-61.1335, 101.7294

■ 129.9390,
-64.0599, 107.0475

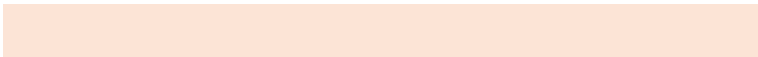
Harmonies

Analogous

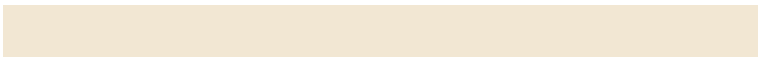
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.2150, -6.0220, 18.2284



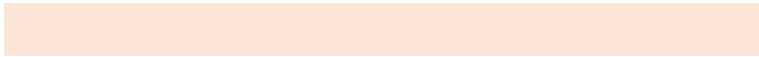
233.5800, -9.6529, 16.1543



232.0090, -10.3574, 8.7621

Triad

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



233.5800, -9.6529, 16.1543



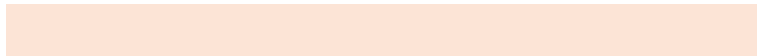
228.8190, 1.0752, -18.2583



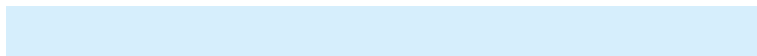
233.7040, 9.0199, 0.2596

Complementary

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



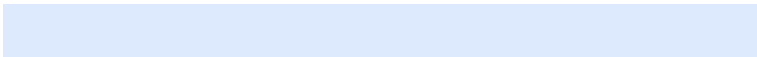
233.5800, -9.6529, 16.1543



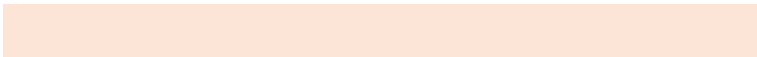
232.4200, 9.6529, -16.1543

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.



232.3930, 10.6523, -9.9917



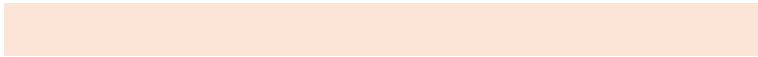
233.5800, -9.6529, 16.1543



229.2900, 6.7590, -21.3023

Square

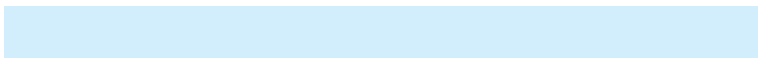
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.5800, -9.6529, 16.1543



229.7830, -4.3300, -11.2107



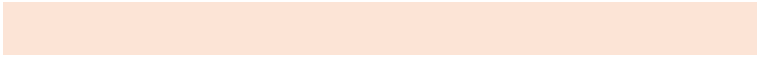
230.5230, 10.0952, -17.9987



234.9180, 4.4774, 10.5959

Rectangle

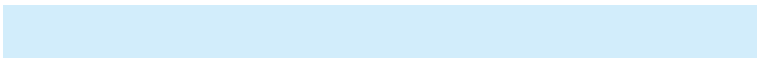
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.5800, -9.6529, 16.1543



231.4920, -9.6096, 2.1995



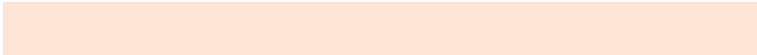
230.5230, 10.0952, -17.9987



233.2090, 9.7570, -2.8143

Sweetspot

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



233.5800, -9.6529, 16.1543



248.8220, -3.3632, 5.4181



228.0980, 4.8817, 20.9621



124.1530, -2.0474, 3.3738



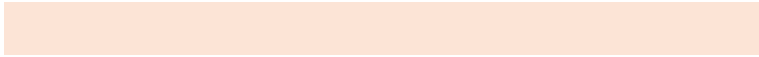
0.0000, 0.0000, 0.0000



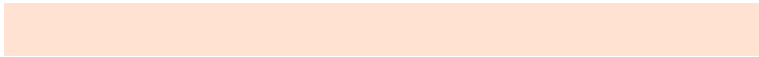
128.0000, 0.0000, 0.0000

Same Dimension

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



233.5800, -9.6529, 16.1543



232.7330, -11.7004, 19.5282



244.7330, -15.1514, 6.3732



118.8220, -3.3632, 5.4181



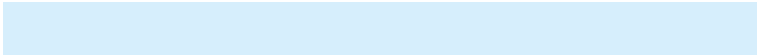
97.6010, -48.1173, 80.1569



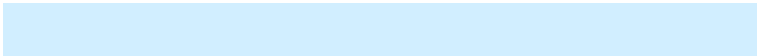
31.7400, -15.6478, 25.6610

Inverse Universe

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



232.4200, 9.6529, -16.1543



231.2670, 11.7004, -19.5282



221.2670, 15.1514, -6.3732



118.1780, 3.3632, -5.4181



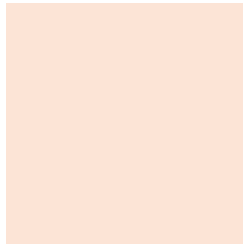
91.3990, 48.1173, -80.1569



29.8470, 15.3584, -26.1758

Previews

White Background



This preview shows how the YUV color 233.5800, -9.6529, 16.1543 looks on a white background.

Color Contrast Check

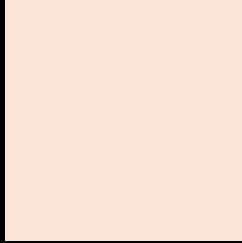
Large Text (above 18pt) WCAG AA × Fail

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 233.5800, -9.6529, 16.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

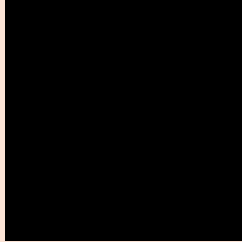
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.5800, -9.6529, 16.1543

Background



This preview shows how black text looks on a background with the YUV color 233.5800, -9.6529, 16.1543.

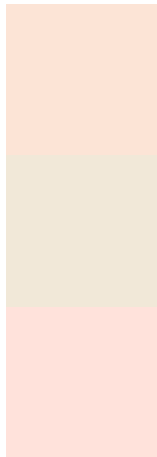


This preview shows how white text looks on a background with the YUV color 233.5800, -9.6529,

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

233.5800, -9.6529, 16.1543

Protanopia

232.8670, -8.3154, 7.1326

Deuteranopia

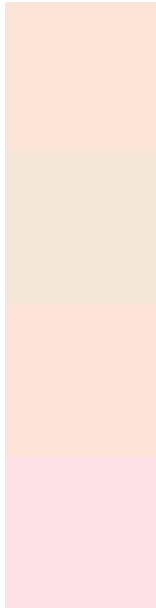
233.8730, -7.3324, 18.5284



Tritanopia

235.2070, 2.8559, 17.3585

Trichromacy



Original Color

233.5800, -9.6529, 16.1543

Protanomaly

233.3620, -9.0525, 10.2065

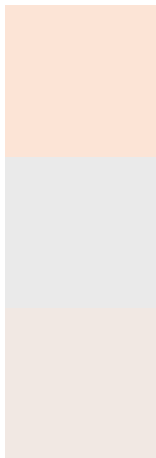
Deuteranomaly

233.9330, -8.3480, 17.5988

Tritanomaly

234.3550, -1.6540, 17.2287

Monochromacy



Original Color

233.5800, -9.6529, 16.1543

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.5800, -9.6529, 16.1543 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(252, 228, 214)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 214)  
}
```

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(252, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 214) }
```

Border

The CSS property to change the border of an element to YUV 233.5800, -9.6529, 16.1543 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(252, 228, 214) }
```


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

```
.border{ border-color:rgb(252, 228, 214) }
```

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

Here you see how a box with a 4 pixel rgb(252, 228, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 233.5800, -9.6529, 16.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 214) }
```

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

```
.background{ background-color: rgb(252,  
228, 214) }
```

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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