

Converting Colors

YUV(216.6050, -17.5533,
30.1644)

Have a look what the booklet for
YUV(216.6050, -17.5533, 30.1644)
contains.

YUV(216.6050, -17.5533, 30.1644)	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(216.6050, -17.5533,
30.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCEB5
RGB	251, 206, 181
RGB Percent	98%, 81%, 71%
CMY	0.0157, 0.1922, 0.2902
CMYK	0.00, 0.18, 0.28, 0.02
HSL	21°, 90%, 85%
HSV	21°, 28%, 98%
XYZ	70.1955, 67.9880, 53.1394
YIQ	216.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

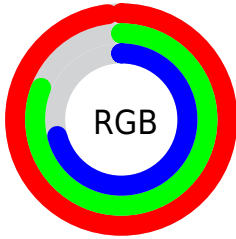
Format	Color
R _Y B	251, 220, 181
Decimal	16502453
CIE Lab	86.00, 12.30, 18.40
CIE LCh	86, 22.129, 56.245
Yxy	67.9880, 0.3669, 0.3554
Android (android.graphics.Color)	4294692533 (0xFFFBCEB5)
YUV	216.6050, -17.5533, 30.1644
Hunter-Lab	82.4549, 7.6646, 19.5080

Details

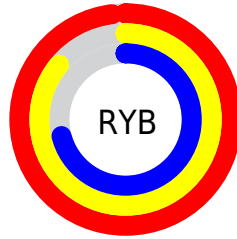
The YUV color $216.6050, -17.5533, 30.1644$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $215.3950, 17.5533, -30.1644$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, -7.8624, 1.7996$, and $161.5230, -16.5268, 27.6053$ is the 20% darker color. If you saturate the color by 10%, you get $204.3630, -23.8430, 40.9006$, and if you desaturate by 10%, it is $228.8470, -11.2636, 19.4282$.

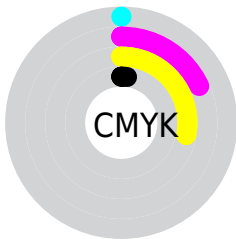
Distribution



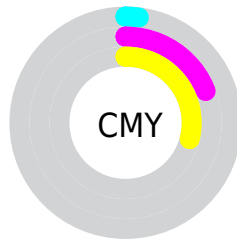
- Red (98%)
- Green (81%)
- Blue (71%)



- Red (98%)
- Yellow (86%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.6050, -17.5533, 30.1644 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 216.6050, -17.5533, 30.1644 by changing the saturation by 10% instead.


 216.6050,
-17.5533, 30.1644

 216.6050,
-17.5533, 30.1644

255.0000, 0.0000,
0.0000


 188.4200,
-16.9691, 29.4497


 252.9480, -7.8624,
1.7996

 161.5230,
-16.5268, 27.6053

 135.3380,
-15.9426, 26.8906

 109.8540,
-15.2110, 25.5610

 85.0710, -14.3320,
23.6167

 61.5870, -13.6004,
22.2872

 38.8040, -12.7214,

20.3429

■ 18.1180, -8.9322,
18.3135

■ 0.0000, 0.0000,
0.0000

■ 216.6050,
-17.5533, 30.1644

■ 216.6050,
-17.5533, 30.1644

■ 204.3630,
-23.8430, 40.9006

■ 228.8470,
-11.2636, 19.4282

■ 192.1210,
-30.1327, 51.6369

■ 241.0890, -4.9739,
8.6919

■ 179.8790,
-36.4223, 62.3731

■ 253.2170, 0.8790,
-1.9443

■ 167.0500,
-42.4226, 73.6242

■ 253.8040, 0.5896,
-2.4591

■ 154.8080,
-48.7123, 84.3604

■ 142.4520,
-55.4388, 95.1966

■ 130.2100,
-61.7285, 105.9328

■ 127.8790,
-63.0443, 107.9771

Harmonies

Analogous

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



216.6900, -9.7072, 33.5979



216.6050, -17.5533, 30.1644



214.8330, -20.1307, 16.8095

Triad

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



216.6050, -17.5533, 30.1644



207.3500, 2.2925, -35.3869



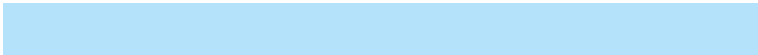
217.2830, 17.6085, -1.1252

Complementary

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



216.6050, -17.5533, 30.1644



215.3950, 17.5533, -30.1644

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.



213.2480, 20.5837, -22.1425



216.6050, -17.5533, 30.1644



207.0530, 12.7919, -43.0195

Square

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



216.6050, -17.5533, 30.1644



210.0610, -9.3971, -19.3475



209.5080, 19.4696, -38.1565



218.7540, 9.9813, 18.6327

Rectangle

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



216.6050, -17.5533, 30.1644



212.8100, -18.6403, 5.4286



209.5080, 19.4696, -38.1565



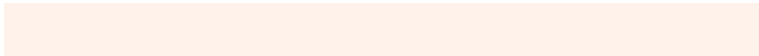
215.6950, 19.3774, -8.5025

Sweetspot

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



216.6050, -17.5533, 30.1644



245.0890, -4.9739, 8.6919



207.0600, 9.3374, 38.5354



121.2350, -3.0739, 5.9329



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.



216.6050, -17.5533, 30.1644



213.7260, -21.0639, 36.1973



237.1500, -27.6819, 12.1465



118.8220, -3.3632, 5.4181



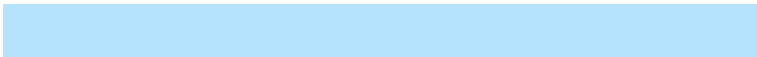
95.8400, -47.2491, 81.7013



31.1530, -15.3584, 26.1758

Inverse Universe

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



215.3950, 17.5533, -30.1644



212.2740, 21.0639, -36.1973



195.4370, 27.3926, -12.6612



118.1780, 3.3632, -5.4181



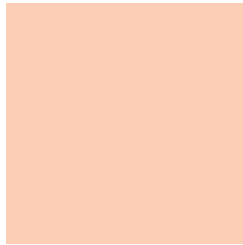
92.5730, 47.5385, -81.1865



29.8470, 15.3584, -26.1758

Previews

White Background



This preview shows how the YUV color 216.6050, -17.5533, 30.1644 looks on a white background.

Color Contrast Check

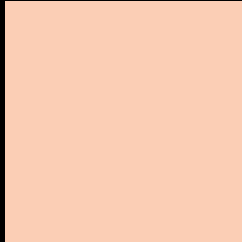
Large Text (above 18pt) WCAG AA × Fail

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 216.6050, -17.5533, 30.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

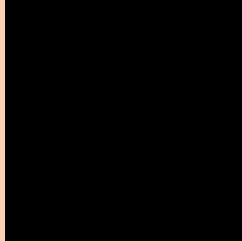
Any Text WCAG AA ✓ Pass

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 216.6050, -17.5533, 30.1644 Background



This preview shows how black text looks on a background with the YUV color 216.6050, -17.5533, 30.1644.



This preview shows how white text looks on a background with the YUV color 216.6050, -17.5533,

30.1644.

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

216.6050, -17.5533, 30.1644

Protanopia

214.8690, -14.7254, 9.7619

Deuteranopia

216.2950, -17.4004, 27.8053



Tritanopia

218.8560, -1.4080, 31.6983

Trichromacy



Original Color

216.6050, -17.5533, 30.1644

Protanomaly

215.6850, -15.6207, 16.9393

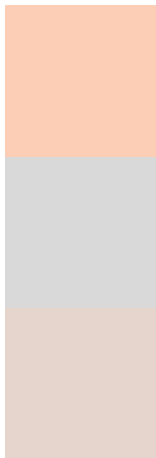
Deuteranomaly

216.5940, -17.5478, 28.4201

Tritanomaly

218.2490, -7.5178, 31.3536

Monochromacy



Original Color

216.6050, -17.5533, 30.1644

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.7580, -6.2897, 10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6050, -17.5533, 30.1644 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(251, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(251, 206, 181)  
}
```

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(251, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 181) }
```

Border

The CSS property to change the border of an element to YUV 216.6050, -17.5533, 30.1644 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(251, 206, 181) }
```


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

```
.border{ border-color:rgb(251, 206, 181) }
```

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

Here you see how a box with a 4 pixel rgb(251, 206, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 216.6050, -17.5533, 30.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 181) }
```

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

```
.background{ background-color: rgb(251,  
206, 181) }
```

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