

Converting Colors

YUV(222.2120, -31.6565,
27.0011)

Have a look what the booklet for
YUV(222.2120, -31.6565, 27.0011)
contains.

YUV(222.2120, -31.6565, 27.0011)	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(222.2120, -31.6565,
27.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDDB9E
RGB	253, 219, 158
RGB Percent	99%, 86%, 62%
CMY	0.0078, 0.1412, 0.3804
CMYK	0.00, 0.13, 0.38, 0.01
HSL	39°, 96%, 81%
HSV	39°, 38%, 99%
XYZ	72.0111, 74.0143, 42.8385
YIQ	222.2120, 39.8450, -11.7630

Conversions

Conversions Part 2

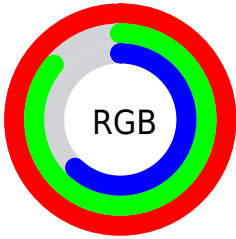
Format	Color
R _Y B	211, 253, 158
Decimal	16636830
CIE Lab	88.93, 3.54, 34.36
CIE LCh	89, 34.543, 84.125
Yxy	74.0143, 0.3813, 0.3919
Android (android.graphics.Color)	4294826910 (0xFFFDDB9E)
YUV	222.2120, -31.6565, 27.0011
Hunter-Lab	86.0316, -1.1452, 30.6992

Details

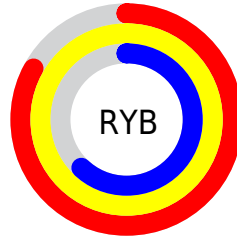
The YUV color $222.2120, -31.6565, 27.0011$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.7880, 31.6565, -27.0011$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, -18.3455, 4.1991$, and $166.6570, -29.9039, 24.8568$ is the 20% darker color. If you saturate the color by 10%, you get $214.0790, -39.9719, 34.1337$, and if you desaturate by 10%, it is $230.3450, -23.3411, 19.8684$.

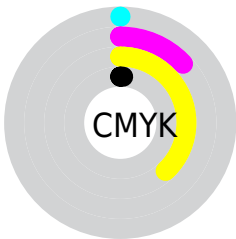
Distribution



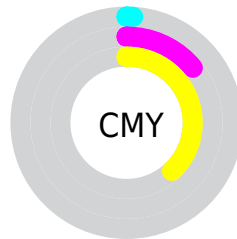
- Red (99%)
- Green (86%)
- Blue (62%)



- Red (83%)
- Yellow (99%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2120, -31.6565, 27.0011 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 222.2120, -31.6565, 27.0011 by changing the saturation by 10% instead.

222.2120,
-31.6565, 27.0011

222.2120,
-31.6565, 27.0011

255.0000, 0.0000,
0.0000

194.1410,
-30.6355, 26.1863

250.2120,
-18.3455, 4.1991

166.6570,
-29.9039, 24.8568

253.5180, -5.6784,
1.2997

140.1730,
-29.1723, 23.5273

114.3900,
-28.2933, 21.5830

89.3190, -27.2723,
20.7682

65.3080, -27.2668,
19.0239

43.7790, -21.5830,

15.9798

■ 24.5640, -12.1101,
10.9064

■ 0.0000, 0.0000,
0.0000

■ 222.2120,
-31.6565, 27.0011

■ 222.2120,
-31.6565, 27.0011

■ 214.0790,
-39.9719, 34.1337

■ 230.3450,
-23.3411, 19.8684

■ 205.8320,
-48.7242, 41.3663

■ 238.5920,
-14.5889, 12.6358

■ 197.6990,
-57.0396, 48.4990

■ 246.7250, -6.2734,
5.5032

■ 189.5660,
-65.3550, 55.6316

254.4020, 0.2948,
-1.2296

■ 181.4330,
-73.6705, 62.7643

■ 173.1860,
-82.4227, 69.9969

■ 170.7410,
-84.1753, 72.1411

Harmonies

Analogous

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



217.8350, -23.0897, 32.5937



222.2120, -31.6565, 27.0011



219.0730, -27.6440, -0.0640

Triad

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



222.2120, -31.6565, 27.0011



206.3310, 21.0358, -73.9583



226.2370, 14.1802, 25.2252

Complementary

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



222.2120, -31.6565, 27.0011



188.7880, 31.6565, -27.0011

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.



221.9300, 16.3035, -2.5696



222.2120, -31.6565, 27.0011



207.6570, 23.3401, -66.3512

Square

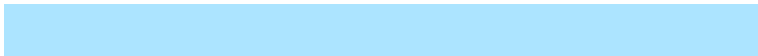
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.2120, -31.6565, 27.0011



209.3320, 2.7943, -56.4192



214.3340, 20.0483, -37.1269



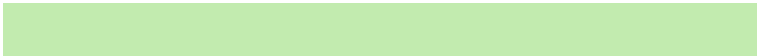
219.9790, 5.4334, 30.7134

Rectangle

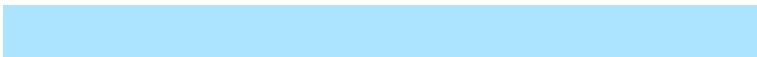
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.2120, -31.6565, 27.0011



215.9010, -20.1642, -19.2072



214.3340, 20.0483, -37.1269



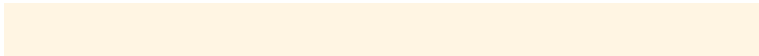
226.4920, 14.0544, 18.8625

Sweetspot

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



222.2120, -31.6565, 27.0011



245.9380, -9.3364, 7.9474



190.3950, 1.2843, 54.9046



122.5400, -5.6892, 4.7884



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.



222.2120, -31.6565, 27.0011



217.8230, -38.3667, 32.6042



238.2830, -39.5795, 1.5058



123.5830, -4.2314, 3.8737



129.3100, -63.7498, 54.1021



43.2030, -21.2991, 18.2390

Inverse Universe

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



188.7880, 31.6565, -27.0011



177.1770, 38.3667, -32.6042



172.7170, 39.5795, -1.5058



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 222.2120, -31.6565, 27.0011 looks on a white background.

Color Contrast Check

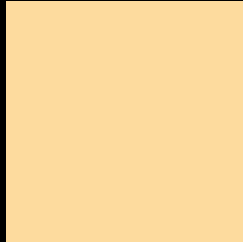
Large Text (above 18pt) WCAG AA × Fail

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 222.2120, -31.6565, 27.0011 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 222.2120, -31.6565, 27.0011 Background



This preview shows how black text looks on a background with the YUV color 222.2120, -31.6565, 27.0011.



This preview shows how white text looks on a background with the YUV color 222.2120, -31.6565, 27.0011.

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

222.2120, -31.6565, 27.0011

Protanopia

221.2000, -30.1716, 17.3646

Deuteranopia

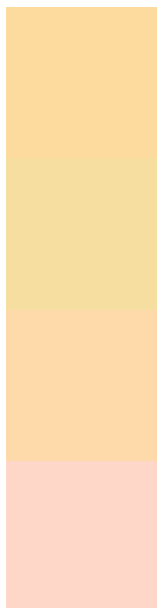
224.0300, -22.1998, 27.1607



Tritanopia

226.4530, -0.2233, 25.0357

Trichromacy



Original Color

222.2120, -31.6565, 27.0011

Protanomaly

221.6950, -30.9086, 20.4385

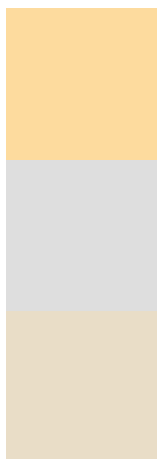
Deuteranomaly

223.4060, -25.8362, 26.8309

Tritanomaly

225.0650, -11.8640, 25.3760

Monochromacy



Original Color

222.2120, -31.6565, 27.0011

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2120, -31.6565, 27.0011 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, 219, 158)` looks like.

```
.text, #text, p{  
    color:rgb(253, 219, 158)  
}
```

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, 219, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 219, 158) }
```

Border

The CSS property to change the border of an element to YUV 222.2120, -31.6565, 27.0011 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, 219, 158) }
```


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

```
.border{ border-color:rgb(253, 219, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 219, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 219, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 219, 158);  
box-shadow:4px 4px 4px 4px rgb(253, 219,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 222.2120, -31.6565, 27.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 219, 158) }
```

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

```
.background{ background-color: rgb(253,  
219, 158) }
```

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