

Converting Colors

YUV(198.0630, -22.2161,
32.3937)

Have a look what the booklet for
YUV(198.0630, -22.2161, 32.3937)
contains.

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Color

**YUV(198.0630, -22.2161,
32.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBC99
RGB	235, 188, 153
RGB Percent	92%, 74%, 60%
CMY	0.0784, 0.2627, 0.4000
CMYK	0.00, 0.20, 0.35, 0.08
HSL	26°, 67%, 76%
HSV	26°, 35%, 92%
XYZ	57.9939, 55.9285, 37.8757
YIQ	198.0630, 39.2470, -0.9210

Conversions

Conversions Part 2

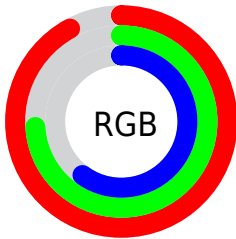
Format	Color
R_{YB}	235, 214, 153
Decimal	15449241
CIE _{Lab}	79.57, 12.13, 24.12
CIE _{LCh}	80, 27.002, 63.305
Yxy	55.9285, 0.3820, 0.3684
Android (android.graphics.Color)	4293639321 (0xFFEBBC99)
YUV	198.0630, -22.2161, 32.3937
Hunter-Lab	74.7854, 7.5473, 22.3219

Details

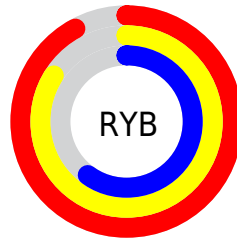
The YUV color $198.0630, -22.2161, 32.3937$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $189.9370, 22.2161, -32.3937$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1850, -17.3462, 10.3618$, and $144.0950, -20.7528, 29.7347$ is the 20% darker color. If you saturate the color by 10%, you get $187.8100, -28.5003, 41.3856$, and if you desaturate by 10%, it is $208.4300, -15.4950, 23.3019$.

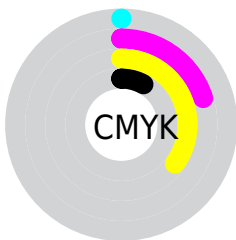
Distribution



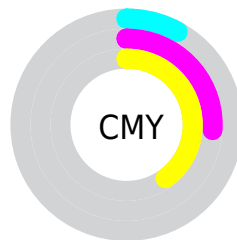
- Red (92%)
- Green (74%)
- Blue (60%)



- Red (92%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0630, -22.2161, 32.3937 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 198.0630, -22.2161, 32.3937 by changing the saturation by 10% instead.

198.0630,
-22.2161, 32.3937

198.0630,
-22.2161, 32.3937

255.0000, 0.0000,
0.0000

170.5790,
-21.4844, 31.0642

243.1850,
-17.3462, 10.3618

144.0950,
-20.7528, 29.7347

252.8340, -8.2992,
1.8996

117.6110,
-20.0212, 28.4052

92.8280, -19.1422,
26.4608

69.0450, -18.2632,
24.5165

46.1480, -17.8210,
22.6722

25.2060, -12.4266,

19.1133

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 198.0630,
-22.2161, 32.3937

■ 198.0630,
-22.2161, 32.3937

■ 187.8100,
-28.5003, 41.3856

■ 208.4300,
-15.4950, 23.3019

■ 176.8560,
-34.9320, 50.9923

■ 219.2700, -9.5001,
13.7952

■ 166.4890,
-41.6531, 60.0841

■ 229.5230, -3.2158,
4.8033

■ 155.6490,
-47.6480, 69.5908

■ 240.4770, 3.2158,
-4.8033

■ 145.2820,
-54.3690, 78.6827

■ 249.0200, 2.9481,
-12.2955

■ 134.4420,
-60.3639, 88.1894

■ 128.9650,
-63.5797, 92.9927

Harmonies

Analogous

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



199.5940, -14.0968, 41.5751



198.0630, -22.2161, 32.3937



195.4970, -23.9090, 15.3501

Triad

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



198.0630, -22.2161, 32.3937



186.3100, 6.2562, -46.7529



200.0710, 19.1920, 4.3227

Complementary

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



198.0630, -22.2161, 32.3937



189.9370, 22.2161, -32.3937

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.



195.8010, 25.2411, -22.6275



198.0630, -22.2161, 32.3937



185.8820, 18.7922, -54.2705

Square

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



198.0630, -22.2161, 32.3937



189.4620, -7.6228, -28.4692



189.9570, 25.1642, -44.6893



201.2820, 9.2280, 26.9397

Rectangle

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



198.0630, -22.2161, 32.3937



194.0930, -21.2448, 0.7954



189.9570, 25.1642, -44.6893



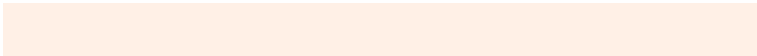
198.9990, 21.6925, -4.3841

Sweetspot

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



198.0630, -22.2161, 32.3937



243.3450, -6.5791, 10.2214



182.9900, 8.8789, 45.6128



120.8930, -4.3842, 6.2328



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.



198.0630, -22.2161, 32.3937



206.9950, -29.0845, 42.1004



221.5430, -33.7917, 11.8018



112.2240, -3.0684, 4.1886



99.3180, -48.9638, 71.6351



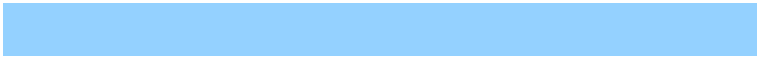
29.6470, -14.6160, 21.3576

Inverse Universe

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



189.9370, 22.2161, -32.3937



196.0050, 29.0845, -42.1004



166.4570, 33.7917, -11.8018



110.7760, 3.0684, -4.1886



81.6820, 48.9638, -71.6351



24.3530, 14.6160, -21.3576

Previews

White Background



This preview shows how the YUV color 198.0630, -22.2161, 32.3937 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 198.0630, -22.2161, 32.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

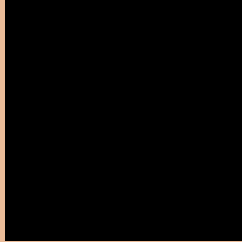
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0630, -22.2161, 32.3937

Background



This preview shows how black text looks on a background with the YUV color 198.0630, -22.2161, 32.3937.



This preview shows how white text looks on a background with the YUV color 198.0630, -22.2161, 32.3937.

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

198.0630, -22.2161, 32.3937

Protanopia

196.3270, -19.3882, 11.9912

Deuteranopia

197.4540, -21.9158, 29.4198



Tritanopia

200.9380, -2.4344, 34.2574

Trichromacy



Original Color

198.0630, -22.2161, 32.3937

Protanomaly

197.1430, -20.2835, 19.1686

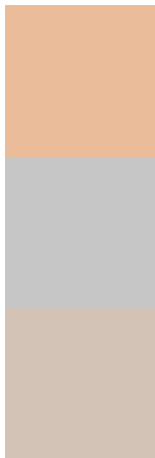
Deuteranomaly

197.7530, -22.0632, 30.0346

Tritanomaly

199.6900, -9.7072, 33.5979

Monochromacy



Original Color

198.0630, -22.2161, 32.3937

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7150, -7.7475, 11.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0630, -22.2161, 32.3937 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(235, 188, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 153)  
}
```

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(235, 188, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 153) }
```

Border

The CSS property to change the border of an element to YUV 198.0630, -22.2161, 32.3937 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(235, 188, 153) }
```


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

```
.border{ border-color:rgb(235, 188, 153) }
```

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

Here you see how a box with a 4 pixel rgb(235, 188, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 198.0630, -22.2161, 32.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 153) }
```

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

```
.background{ background-color: rgb(235,  
188, 153) }
```

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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