

Converting Colors

YUV(200.6450, -11.6570,
5.5733)

Have a look what the booklet for
YUV(200.6450, -11.6570, 5.5733)
contains.

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Color

**YUV(200.6450, -11.6570,
5.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCAB1
RGB	207, 202, 177
RGB Percent	81%, 79%, 69%
CMY	0.1882, 0.2078, 0.3059
CMYK	0.00, 0.02, 0.14, 0.19
HSL	50°, 24%, 75%
HSV	50°, 14%, 81%
XYZ	54.7885, 58.6808, 50.0338
YIQ	200.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

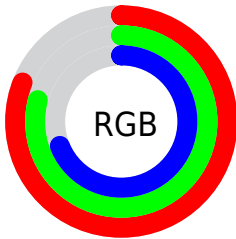
Format	Color
RYB	183, 207, 177
Decimal	13617841
CIELab	81.12, -2.48, 13.11
CIELCh	81, 13.339, 100.720
Yxy	58.6808, 0.3351, 0.3589
Android (android.graphics.Color)	4291807921 (0xFFCFCAB1)
YUV	200.6450, -11.6570, 5.5733
Hunter-Lab	76.6034, -6.3887, 14.8968

Details

The YUV color $200.6450, -11.6570, 5.5733$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $183.3550, 11.6570, -5.5733$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $146.7590, -11.2202, 5.4734$ is the 20% darker color. If you saturate the color by 10%, you get $196.4900, -19.9616, 9.2173$, and if you desaturate by 10%, it is $204.8000, -3.3524, 1.9294$.

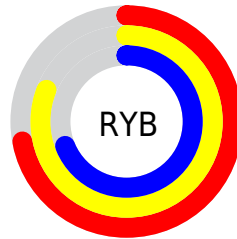
Distribution



Red (81%)

Green (79%)

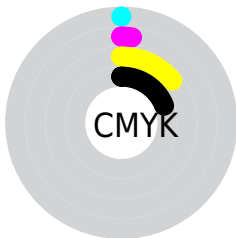
Blue (69%)



Red (72%)

Yellow (81%)

Blue (69%)

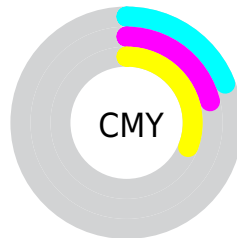


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6450, -11.6570, 5.5733 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 200.6450, -11.6570, 5.5733 by changing the saturation by 10% instead.

■ 200.6450,
-11.6570, 5.5733

■ 200.6450,
-11.6570, 5.5733

255.0000, 0.0000,
0.0000

■ 173.3460,
-11.5096, 4.9586

■ 252.4920, -9.6096,
2.1995

■ 146.7590,
-11.2202, 5.4734

■ 120.5740,
-10.6360, 4.7586

■ 95.6880, -10.1992,
4.6586

■ 72.5030, -9.6150,
3.9439

■ 49.6170, -9.1782,
3.8439

■ 28.3890, -10.0518,

4.0438

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 200.6450,
-11.6570, 5.5733

■ 200.6450,
-11.6570, 5.5733

■ 196.4900,
-19.9616, 9.2173

■ 204.8000, -3.3524,
1.9294

■ 191.8620,
-27.5400, 13.2760

■ 209.4280, 4.2260,
-2.1294

■ 187.7070,
-35.8446, 16.9200

■ 213.5830, 12.5306,
-5.7733

■ 182.9650,
-43.8597, 21.0787

■ 217.7550, 18.3618,
-9.4321

■ 178.9240,
-51.7275, 24.6227

■ 219.5160, 17.4936,
-10.9765

■ 174.1820,
-59.7427, 28.7814

■ 221.8640, 16.3360,
-13.0357

■ 170.0270,
-68.0473, 32.4253

■ 223.6250, 15.4679,
-14.5801

■ 165.2850,
-76.0625, 36.5841

■ 225.9730, 14.3103,
-16.6393

■ 162.8570,
-80.2885, 38.7134

■ 227.7340, 13.4421,
-18.1837

Harmonies

Analogous

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



201.9990, -11.8315, 14.9099



200.6450, -11.6570, 5.5733



199.3770, -8.5669, -5.5926

Triad

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



200.6450, -11.6570, 5.5733



197.9630, 9.3852, -23.6466



204.1960, 2.8614, 15.6141

Complementary

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



200.6450, -11.6570, 5.5733



183.3550, 11.6570, -5.5733

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.



203.2100, 8.2775, 5.0778



200.6450, -11.6570, 5.5733



199.5060, 12.5685, -17.9838

Square

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



200.6450, -11.6570, 5.5733



197.2960, 4.2911, -23.0616



201.7570, 11.9518, -6.8029



203.9210, -3.4121, 21.1173

Rectangle

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



200.6450, -11.6570, 5.5733



198.3590, -4.6140, -13.4698



201.7570, 11.9518, -6.8029



204.0430, 4.9088, 12.2403

Sweetspot

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



200.6450, -11.6570, 5.5733



252.6860, -3.7892, 2.0294



186.5400, -2.2382, 17.9434



126.0280, -2.4788, 1.7294



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.



200.6450, -11.6570, 5.5733



245.9890, -16.7566, 7.9026



200.8890, -11.7773, -2.5337



102.5720, -4.2260, 2.1294



132.4120, -65.2791, 31.2107



32.2170, -15.8830, 7.7027

Inverse Universe

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



183.3550, 11.6570, -5.5733



221.0110, 16.7566, -7.9026



183.4100, 11.6299, 3.1484



96.4280, 4.2260, -2.1294



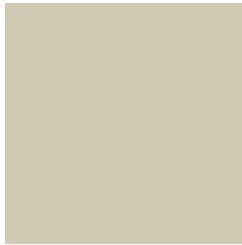
35.5880, 65.2791, -31.2107



8.7830, 15.8830, -7.7027

Previews

White Background



This preview shows how the YUV color 200.6450, -11.6570, 5.5733 looks on a white background.

Color Contrast Check

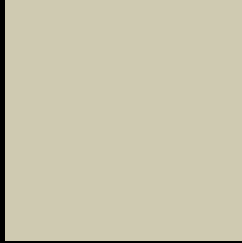
Large Text (above 18pt) WCAG AA × Fail

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 200.6450, -11.6570, 5.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

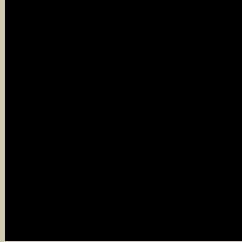
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

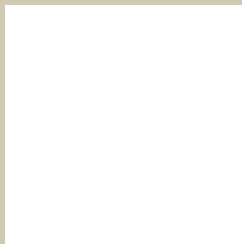
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.6450, -11.6570, 5.5733

Background



This preview shows how black text looks on a background with the YUV color 200.6450, -11.6570, 5.5733.



This preview shows how white text looks on a background with the YUV color 200.6450, -11.6570, 5.5733.

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

200.6450, -11.6570, 5.5733

Protanopia

201.1400, -12.3940, 8.6472

Deuteranopia

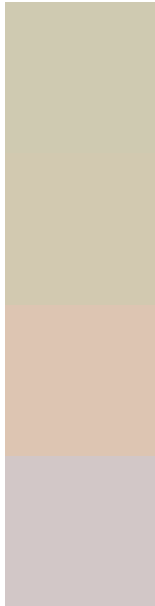
202.7550, -11.7112, 23.0169



Tritanopia

203.1950, 4.3409, 7.7220

Trichromacy



Original Color

200.6450, -11.6570, 5.5733

Protanomaly

200.8410, -12.2466, 8.0324

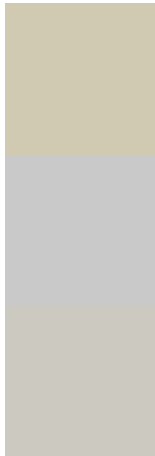
Deuteranomaly

202.0100, -11.8369, 16.6542

Tritanomaly

202.2890, -1.6215, 6.7625

Monochromacy



Original Color

200.6450, -11.6570, 5.5733

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.5720, -4.2260, 2.1294

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6450, -11.6570, 5.5733 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(207, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 177)  
}
```

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(207, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 177) }
```

Border

The CSS property to change the border of an element to YUV 200.6450, -11.6570, 5.5733 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(207, 202, 177) }
```


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

```
.border{ border-color:rgb(207, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 200.6450, -11.6570, 5.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 177) }
```

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

```
.background{ background-color: rgb(207,  
202, 177) }
```

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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