

Converting Colors

YUV(133.0480, -22.7017,
48.1929)

Have a look what the booklet for
YUV(133.0480, -22.7017, 48.1929)
contains.

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Color

**YUV(133.0480, -22.7017,
48.1929)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7257
RGB	188, 114, 87
RGB Percent	74%, 45%, 34%
CMY	0.2627, 0.5529, 0.6588
CMYK	0.00, 0.39, 0.54, 0.26
HSL	16°, 43%, 54%
HSV	16°, 54%, 74%
XYZ	28.4767, 23.4141, 12.0353
YIQ	133.0480, 52.7710, 7.2910

Conversions

Conversions Part 2

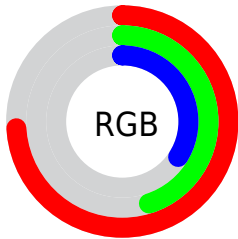
Format	Color
R_{YB}	188, 124, 87
Decimal	12350039
CIE Lab	55.50, 26.40, 27.29
CIE LCh	55, 37.964, 45.950
Yxy	23.4141, 0.4455, 0.3663
Android (android.graphics.Color)	4290540119 (0xFFBC7257)
YUV	133.0480, -22.7017, 48.1929
Hunter-Lab	48.3881, 20.3689, 19.1248

Details

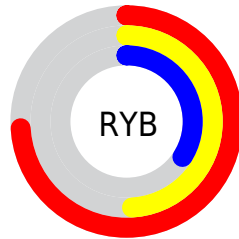
The YUV color **133.0480, -22.7017, 48.1929** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **141.9520, 22.7017, -48.1929**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5000, -24.8965, 52.1815**, and **81.9980, -20.2120, 42.9748** is the 20% darker color. If you saturate the color by 10%, you get **122.6640, -26.9494, 57.2997**, and if you desaturate by 10%, it is **143.4320, -18.4540, 39.0861**.

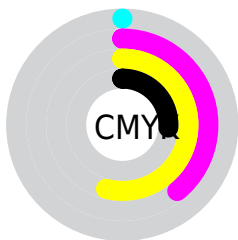
Distribution



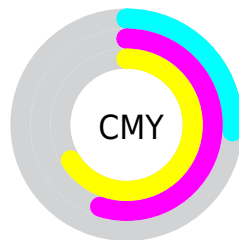
- Red (74%)
- Green (45%)
- Blue (34%)



- Red (74%)
- Yellow (49%)
- Blue (34%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0480, -22.7017, 48.1929 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 133.0480, -22.7017, 48.1929 by changing the saturation by 10% instead.

■ 133.0480,
-22.7017, 48.1929

■ 133.0480,
-22.7017, 48.1929

■ 255.0000, 0.0000,
0.0000

■ 106.9660,
-21.6752, 45.6338

■ 187.5000,
-24.8965, 52.1815

■ 81.9980, -20.2120,
42.9748

■ 208.8190,
-22.0958, 40.5007

■ 57.1440, -18.3120,
40.2157

■ 228.3330,
-18.4052, 23.3870

■ 33.5890, -16.5594,
38.0714

■ 248.5480,
-14.5672, 5.6584

■ 14.9500, -7.3703,
30.7388

■ 254.0880, -3.4944,
0.7998

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,

0.0000

■ 133.0480,
-22.7017, 48.1929

■ 133.0480,
-22.7017, 48.1929

■ 122.6640,
-26.9494, 57.2997

■ 143.4320,
-18.4540, 39.0861

■ 112.2800,
-31.1970, 66.4064

■ 153.8160,
-14.2063, 29.9794

■ 102.5970,
-35.2973, 74.8984

■ 163.4990,
-10.1060, 21.4874

■ 92.2130, -39.5450,
84.0052

■ 173.8830, -5.8583,
12.3806

■ 85.5620, -42.1821,
89.8381

■ 184.2670, -1.6106,
3.2738

■ 194.6510, 2.6371,
-5.8329

■ 204.4480, 7.1741,
-14.4249

■ 214.7180, 10.9850,
-23.4317

■ 224.9880, 14.7959,
-32.4385

Harmonies

Analogous

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



134.6370, -9.1880, 53.8154



133.0480, -22.7017, 48.1929



131.7610, -30.9412, 30.9046

Triad

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



133.0480, -22.7017, 48.1929



115.6370, 0.1790, -57.5636



131.8430, 31.6294, -18.2793

Complementary

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



133.0480, -22.7017, 48.1929



141.9520, 22.7017, -48.1929

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.



116.7720, 39.0594, -68.2060



133.0480, -22.7017, 48.1929



105.1500, 22.1110, -92.2166

Square

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



133.0480, -22.7017, 48.1929



124.5200, -18.9904, -22.3810



106.6950, 35.6464, -93.5715



136.9140, 20.7484, 18.4924

Rectangle

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



133.0480, -22.7017, 48.1929



129.5480, -31.3292, 15.3054



106.6950, 35.6464, -93.5715



128.7380, 34.1462, -32.2192

Sweetspot

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



133.0480, -22.7017, 48.1929



223.5310, -8.6428, 18.8283



125.6350, 17.4349, 54.6941



109.3990, -5.1267, 11.0511



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



133.0480, -22.7017, 48.1929



159.5970, -35.2973, 74.8984



162.3980, -37.1712, 22.4530



88.8650, -1.9054, 4.5034



71.8960, -35.4447, 75.5132



13.9650, -6.8847, 14.9397

Inverse Universe

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



141.9520, 22.7017, -48.1929



173.4030, 35.2973, -74.8984



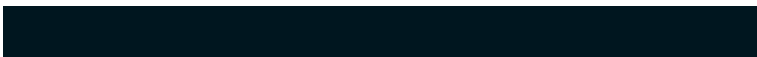
112.6020, 37.1712, -22.4530



90.1350, 1.9054, -4.5034



86.1040, 35.4447, -75.5132



16.4480, 7.1741, -14.4249

Previews

White Background



This preview shows how the YUV color 133.0480, -22.7017, 48.1929 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0480, -22.7017, 48.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

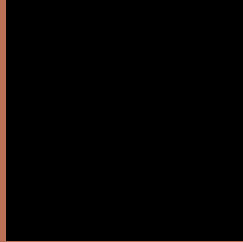
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.0480, -22.7017, 48.1929

Background



This preview shows how black text looks on a background with the YUV color 133.0480, -22.7017, 48.1929.



This preview shows how white text looks on a background with the YUV color 133.0480, -22.7017,

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

133.0480, -22.7017, 48.1929

Protanopia

131.9570, -18.2198, 10.5617

Deuteranopia

132.2640, -23.7942, 25.2015



Tritanopia

134.8320, -8.2982, 48.3823

Trichromacy



Original Color

133.0480, -22.7017, 48.1929

Protanomaly

132.2900, -19.8630, 24.3017

Deuteranomaly

132.4330, -23.3845, 33.8233

Tritanomaly

133.8660, -13.2449, 48.3525

Monochromacy



Original Color

133.0480, -22.7017, 48.1929

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0480, -22.7017, 48.1929 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(188, 114, 87)` looks like.

```
.text, #text, p{  
    color:rgb(188, 114, 87)  
}
```

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(188, 114, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 114, 87) }
```

Border

The CSS property to change the border of an element to YUV 133.0480, -22.7017, 48.1929 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(188, 114, 87) }
```


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

```
.border{ border-color:rgb(188, 114, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 114, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 114, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 114, 87);  
box-shadow:4px 4px 4px 4px rgb(188, 114,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 133.0480, -22.7017, 48.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 114, 87) }
```

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

```
.background{ background-color: rgb(188,  
114, 87) }
```

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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