

Converting Colors

YUV(132.6230, -21.5061,
38.0416)

Have a look what the booklet for
YUV(132.6230, -21.5061, 38.0416)
contains.

YUV(132.6230, -21.5061, 38.0416)	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(132.6230, -21.5061,
38.0416)**

Conversions

Conversions Part 1

Format	Color
Hex	B07759
RGB	176, 119, 89
RGB Percent	69%, 47%, 35%
CMY	0.3098, 0.5333, 0.6510
CMYK	0.00, 0.32, 0.49, 0.31
HSL	21°, 36%, 52%
HSV	21°, 49%, 69%
XYZ	26.3045, 23.1450, 12.5322
YIQ	132.6230, 43.6020, 2.7540

Conversions

Conversions Part 2

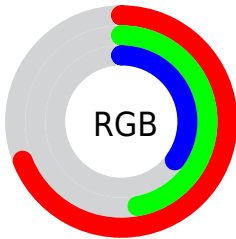
Format	Color
R_{YB}	176, 135, 89
Decimal	11564889
CIE _{Lab}	55.22, 18.85, 25.51
CIE _{LCh}	55, 31.717, 53.540
Yxy	23.1450, 0.4244, 0.3734
Android (android.graphics.Color)	4289754969 (0xFFB07759)
YUV	132.6230, -21.5061, 38.0416
Hunter-Lab	48.1093, 13.4064, 18.2317

Details

The YUV color **132.6230, -21.5061, 38.0416** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **132.3770, 21.5061, -38.0416**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1890, -23.2642, 41.9302**, and **82.1710, -19.3113, 34.0530** is the 20% darker color. If you saturate the color by 10%, you get **123.5270, -25.8958, 46.0188**, and if you desaturate by 10%, it is **141.7190, -17.1165, 30.0644**.

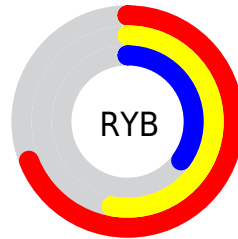
Distribution



Red (69%)

Green (47%)

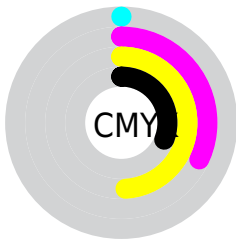
Blue (35%)



Red (69%)

Yellow (53%)

Blue (35%)

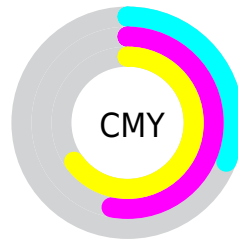


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (31%)



Cyan (31%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6230, -21.5061, 38.0416 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 132.6230, -21.5061, 38.0416 by changing the saturation by 10% instead.

■ 132.6230,
-21.5061, 38.0416

■ 132.6230,
-21.5061, 38.0416

■ 255.0000, 0.0000,
0.0000

■ 106.8400,
-20.6271, 36.0973

■ 186.1890,
-23.2642, 41.9302

■ 82.1710, -19.3113,
34.0530

■ 211.9820,
-22.6691, 37.7268

■ 58.0890, -18.2849,
31.4939

■ 231.4960,
-18.9785, 20.6130

■ 35.3060, -17.4059,
29.5496

■ 251.1240,
-14.8511, 3.3993

■ 14.6180, -7.2067,
24.8910

■ 254.4300, -2.1840,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 132.6230,
-21.5061, 38.0416

■ 132.6230,
-21.5061, 38.0416

■ 123.5270,
-25.8958, 46.0188

■ 141.7190,
-17.1165, 30.0644

■ 115.1320,
-30.1381, 53.3812

■ 150.1140,
-12.8742, 22.7020

■ 106.0360,
-34.5277, 61.3584

■ 159.2100, -8.4845,
14.7248

■ 97.6410, -38.7700,
68.7208

■ 167.6050, -4.2423,
7.3624

■ 88.5450, -43.1597,
76.6980

■ 176.7010, 0.1474,
-0.6148

■ 88.4310, -43.5965,
76.7980

■ 185.2100, 4.8265,
-8.0772

■ 194.1920, 8.7793,
-15.9544

■ 202.7010, 13.4584,

-23.4168

■ 211.6830, 17.4113,
-31.2940

Harmonies

Analogous

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



134.1260, -10.9081, 45.4935



132.6230, -21.5061, 38.0416



131.1450, -26.6935, 21.7978

Triad

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



132.6230, -21.5061, 38.0416



118.1800, 3.3623, -51.9009



133.2700, 24.0239, -5.4988

Complementary

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



132.6230, -21.5061, 38.0416



132.3770, 21.5061, -38.0416

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.



125.8420, 29.6579, -39.3264



132.6230, -21.5061, 38.0416



107.9170, 22.2259, -82.3652

Square

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



132.6230, -21.5061, 38.0416



123.9310, -12.2910, -24.4955



112.6760, 31.2187, -73.3839



135.6280, 14.4804, 22.2512

Rectangle

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



132.6230, -21.5061, 38.0416



129.3990, -25.3397, 7.5431



112.6760, 31.2187, -73.3839



131.7740, 26.2404, -16.4648

Sweetspot

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



132.6230, -21.5061, 38.0416



212.5090, -8.6319, 15.3396



121.6250, 12.5099, 47.6869



104.3880, -5.1213, 9.3067



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



132.6230, -21.5061, 38.0416



162.2530, -33.6487, 59.4141



157.8640, -33.9500, 15.9053



84.4520, -2.1948, 3.9886



76.8580, -37.8910, 66.7765



13.0570, -6.4371, 11.3510

Inverse Universe

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



132.3770, 21.5061, -38.0416



161.7470, 33.6487, -59.4141



107.7230, 33.6606, -16.4201



84.5480, 2.1948, -3.9886



76.1420, 37.8910, -66.7765



12.9430, 6.4371, -11.3510

Previews

White Background



This preview shows how the YUV color 132.6230, -21.5061, 38.0416 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 132.6230, -21.5061, 38.0416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

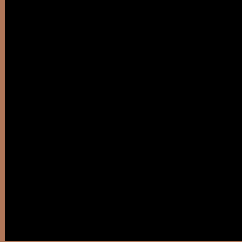
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.6230, -21.5061, 38.0416

Background



This preview shows how black text looks on a background with the YUV color 132.6230, -21.5061, 38.0416.



This preview shows how white text looks on a background with the YUV color 132.6230, -21.5061,

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

132.6230, -21.5061, 38.0416

Protanopia

131.0710, -17.7830, 10.4617

Deuteranopia

132.0080, -22.1889, 23.6720



Tritanopia

134.4610, -5.6503, 39.0607

Trichromacy



Original Color

132.6230, -21.5061, 38.0416

Protanomaly

131.4960, -18.9785, 20.6130

Deuteranomaly

132.1550, -21.7684, 28.8051

Tritanomaly

133.9680, -11.3232, 38.6161

Monochromacy



Original Color

132.6230, -21.5061, 38.0416

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0250, -7.9003, 14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6230, -21.5061, 38.0416 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(176, 119, 89)` looks like.

```
.text, #text, p{  
    color:rgb(176, 119, 89)  
}
```

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(176, 119, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 119, 89) }
```

Border

The CSS property to change the border of an element to YUV 132.6230, -21.5061, 38.0416 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(176, 119, 89) }
```


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

```
.border{ border-color:rgb(176, 119, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 119, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 119, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 119, 89);  
box-shadow:4px 4px 4px 4px rgb(176, 119,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 132.6230, -21.5061, 38.0416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 119, 89) }
```

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

```
.background{ background-color: rgb(176,  
119, 89) }
```

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