

Converting Colors

YUV(112.9610, -20.6868,
55.2852)

Have a look what the booklet for
YUV(112.9610, -20.6868, 55.2852)
contains.

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Color

**YUV(112.9610, -20.6868,
55.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	B05947
RGB	176, 89, 71
RGB Percent	69%, 35%, 28%
CMY	0.3098, 0.6510, 0.7216
CMYK	0.00, 0.49, 0.60, 0.31
HSL	10°, 43%, 48%
HSV	10°, 60%, 69%
XYZ	22.6142, 16.8298, 8.0178
YIQ	112.9610, 57.6300, 12.8460

Conversions

Conversions Part 2

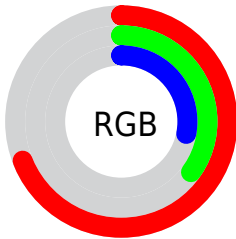
Format	Color
R_{YB}	176, 93, 71
Decimal	11557191
CIE _{Lab}	48.04, 33.77, 26.59
CIE _{LCh}	48, 42.984, 38.219
Yxy	16.8298, 0.4765, 0.3546
Android (android.graphics.Color)	4289747271 (0xFFB05947)
YUV	112.9610, -20.6868, 55.2852
Hunter-Lab	41.0241, 26.6044, 17.1292

Details

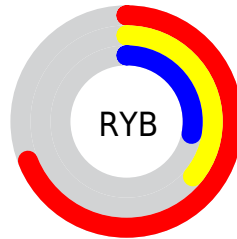
The YUV color **112.9610, -20.6868, 55.2852** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **134.0390, 20.6868, -55.2852**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7120, -23.0290, 59.8886**, and **62.1390, -17.3235, 49.8671** is the 20% darker color. If you saturate the color by 10%, you get **102.1040, -24.2083, 64.8068**, and if you desaturate by 10%, it is **123.8180, -17.1653, 45.7636**.

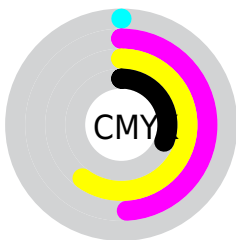
Distribution



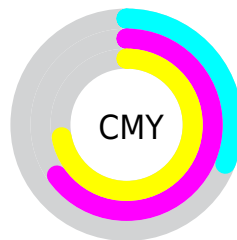
- Red (69%)
- Green (35%)
- Blue (28%)



- Red (69%)
- Yellow (36%)
- Blue (28%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (31%)



- Cyan (31%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9610, -20.6868, 55.2852 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 112.9610, -20.6868, 55.2852 by changing the saturation by 10% instead.

■ 112.9610,
-20.6868, 55.2852

■ 112.9610,
-20.6868, 55.2852

■ 255.0000, 0.0000,
0.0000

■ 86.9930, -19.2235,
52.6261

■ 166.7120,
-23.0290, 59.8886

■ 62.1390, -17.3235,
49.8671

■ 191.5050,
-22.4340, 55.6851

■ 35.6550, -16.5919,
48.5376

■ 210.3180,
-18.8908, 39.1861

■ 18.8370, -9.2866,
38.7310

■ 230.5330,
-15.0528, 21.4576

■ 11.7750, -5.3121,
23.8763

■ 250.1610,
-10.9254, 4.2438

■ 0.0000, 0.0000,
0.0000

■ 112.9610,
-20.6868, 55.2852

■ 112.9610,
-20.6868, 55.2852

■ 102.1040,
-24.2083, 64.8068

■ 123.8180,
-17.1653, 45.7636

■ 91.9480, -27.5824,
73.7136

■ 133.9740,
-13.7912, 36.8568

■ 81.0910, -31.1039,
83.2352

■ 144.8310,
-10.2697, 27.3352

■ 70.9350, -34.4780,
92.1420

■ 154.9870, -6.8956,
18.4284

■ 70.2340, -34.6254,
92.7568

■ 165.8440, -3.3741,
8.9068

■ 176.1140, 0.4368,
-0.1000

■ 186.8570, 3.5215,
-9.5216

■ 197.7140, 7.0430,

-19.0432

■ 207.8700, 10.4171,
-27.9500

Harmonies

Analogous

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



114.2230, -4.5469, 58.5634



112.9610, -20.6868, 55.2852



111.6480, -32.8575, 38.8967

Triad

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



112.9610, -20.6868, 55.2852



92.9910, -3.4466, -61.3821



108.1440, 38.3830, -37.8373

Complementary

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



112.9610, -20.6868, 55.2852



134.0390, 20.6868, -55.2852

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.



94.0090, 42.8866, -82.4459



112.9610, -20.6868, 55.2852



91.5060, 15.5265, -80.2508

Square

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



112.9610, -20.6868, 55.2852



105.2450, -25.2638, -16.8779



94.9090, 31.1039, -83.2352



116.7650, 26.7379, 10.7301

Rectangle

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



112.9610, -20.6868, 55.2852



110.0390, -36.0082, 22.7678



94.9090, 31.1039, -83.2352



97.3360, 43.7114, -66.9467

Sweetspot

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



112.9610, -20.6868, 55.2852



204.6670, -8.2168, 22.2170



112.3130, 22.5237, 55.8535



99.8230, -4.8427, 13.3102



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.



112.9610, -20.6868, 55.2852



130.6570, -32.8619, 87.1238



143.4850, -35.7351, 28.5157



83.8650, -1.9054, 4.5034



61.0090, -30.0774, 80.6761



10.1220, -4.9901, 13.9250

Inverse Universe

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



134.0390, 20.6868, -55.2852



163.3430, 32.8619, -87.1238



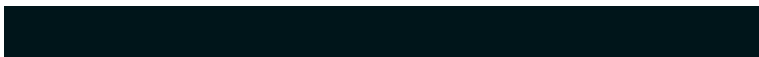
103.5150, 35.7351, -28.5157



85.7220, 1.6161, -5.0182



91.9910, 30.0774, -80.6761



15.2910, 5.2795, -13.4102

Previews

White Background



This preview shows how the YUV color 112.9610, -20.6868, 55.2852 looks on a white 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

Black Background



This preview shows how the YUV color 112.9610, -20.6868, 55.2852 looks on a black 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

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

YUV 112.9610, -20.6868, 55.2852

Background



This preview shows how black text looks on a background with the YUV color 112.9610, -20.6868, 55.2852.



This preview shows how white text looks on a background with the YUV color 112.9610, -20.6868, 55.2852.

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

112.9610, -20.6868, 55.2852

Protanopia

113.8150, -16.1778, 8.9322

Deuteranopia

113.1820, -22.7677, 22.6424



Tritanopia

113.8930, -10.7932, 55.3448

Trichromacy



Original Color

112.9610, -20.6868, 55.2852

Protanomaly

113.7570, -18.1212, 25.6461

Deuteranomaly

113.0740, -22.2215, 34.1381

Tritanomaly

113.5680, -14.5770, 55.6299

Monochromacy



Original Color

112.9610, -20.6868, 55.2852

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8840, -7.3378, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9610, -20.6868, 55.2852 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, 89, 71)` looks like.

```
.text, #text, p{  
    color:rgb(176, 89, 71)  
}
```

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, 89, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 89, 71) }
```

Border

The CSS property to change the border of an element to YUV 112.9610, -20.6868, 55.2852 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, 89, 71) }
```


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

```
.border{ border-color:rgb(176, 89, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 89, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 89, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 89, 71);  
box-shadow:4px 4px 4px 4px rgb(176, 89,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 112.9610, -20.6868, 55.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 89, 71) }
```

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

```
.background{ background-color: rgb(176, 89,  
71) }
```

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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