

Converting Colors

YUV(135.4020, -16.4672,
8.4174)

Have a look what the booklet for
YUV(135.4020, -16.4672, 8.4174)
contains.

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Color

**YUV(135.4020, -16.4672,
8.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	918966
RGB	145, 137, 102
RGB Percent	57%, 54%, 40%
CMY	0.4314, 0.4627, 0.6000
CMYK	0.00, 0.06, 0.30, 0.43
HSL	49°, 17%, 48%
HSV	49°, 30%, 57%
XYZ	23.0210, 24.8704, 16.1575
YIQ	135.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

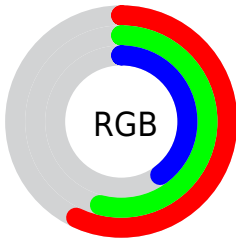
Format	Color
R_{YB}	112, 145, 102
Decimal	9537894
CIE _{Lab}	56.95, -2.76, 19.89
CIE _{LCh}	57, 20.080, 97.907
Yxy	24.8704, 0.3594, 0.3883
Android (android.graphics.Color)	4287727974 (0xFF918966)
YUV	135.4020, -16.4672, 8.4174
Hunter-Lab	49.8702, -4.8740, 15.6997

Details

The YUV color $135.4020, -16.4672, 8.4174$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $111.5980, 16.4672, -8.4174$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.4730, -17.4882, 9.2322$, and $85.4450, -15.0094, 7.5027$ is the 20% darker color. If you saturate the color by 10%, you get $132.0450, -21.7142, 11.3615$, and if you desaturate by 10%, it is $138.8730, -10.7834, 5.3734$.

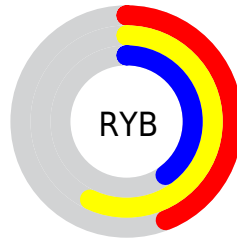
Distribution



Red (57%)

Green (54%)

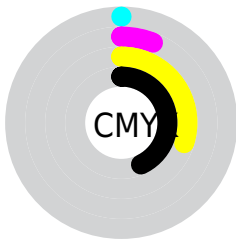
Blue (40%)



Red (44%)

Yellow (57%)

Blue (40%)

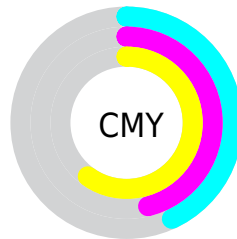


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4020, -16.4672, 8.4174 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 135.4020, -16.4672, 8.4174 by changing the saturation by 10% instead.

■ 135.4020,
-16.4672, 8.4174

■ 135.4020,
-16.4672, 8.4174

■ 255.0000, 0.0000,
0.0000

■ 110.2170,
-15.8830, 7.7027

■ 188.4730,
-17.4882, 9.2322

■ 85.4450, -15.0094,
7.5027

■ 216.6580,
-18.0724, 9.9469

■ 62.2600, -14.4252,
6.7880

■ 244.9460,
-18.2144, 8.8174

■ 39.9610, -14.2778,
6.1732

■ 252.8340, -8.2992,
1.8996

■ 20.3890, -10.0518,
4.0438

■ 0.0000, 0.0000,
0.0000

■ 135.4020,
-16.4672, 8.4174

■ 135.4020,
-16.4672, 8.4174

■ 132.0450,
-21.7142, 11.3615

■ 138.8730,
-10.7834, 5.3734

■ 129.1610,
-27.6874, 13.8908

■ 141.6430, -5.2470,
2.9441

■ 125.8040,
-32.9344, 16.8349

■ 145.1140, 0.4368,
-0.1000

■ 122.3330,
-38.6182, 19.8790

■ 148.4710, 5.6838,
-3.0441

■ 119.5630,
-44.1546, 22.3082

■ 151.3550, 11.6570,
-5.5733

■ 116.0920,
-49.8384, 25.3523

■ 154.7120, 16.9040,
-8.5174

■ 112.7350,
-55.0854, 28.2964

■ 158.0690, 22.1510,
-11.4615

■ 112.6210,

■ 161.5400, 27.8348,

-55.5222, 28.3964

-14.5056

■ 164.4240, 33.8080,
-17.0348

Harmonies

Analogous

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



137.0060, -15.7790, 21.0427



135.4020, -16.4672, 8.4174



133.4540, -12.0558, -6.5372

Triad

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



135.4020, -16.4672, 8.4174



129.0260, 13.7912, -36.8568



139.7990, 5.0291, 20.3473

Complementary

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



135.4020, -16.4672, 8.4174



111.5980, 16.4672, -8.4174

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.



138.9480, 12.3506, 5.3076



135.4020, -16.4672, 8.4174



132.2210, 18.1320, -29.1348

Square

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



135.4020, -16.4672, 8.4174



129.2730, 5.7814, -34.4424



136.3910, 17.0622, -12.6209



139.3780, -3.1444, 28.6095

Rectangle

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



135.4020, -16.4672, 8.4174



132.0550, -6.9291, -17.5882



136.3910, 17.0622, -12.6209



139.4610, 7.6607, 16.2587

Sweetspot

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



135.4020, -16.4672, 8.4174



185.3010, -6.5574, 3.2440



115.8830, -2.4073, 25.5356



91.6860, -3.7892, 2.0294



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



135.4020, -16.4672, 8.4174



173.6170, -25.9402, 13.4909



136.2110, -16.8660, -3.6930



69.6150, -2.7682, 1.2146



104.9350, -51.7330, 26.3670



5.9140, -2.9156, 1.8294

Inverse Universe

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



111.5980, 16.4672, -8.4174



135.7960, 26.2296, -12.9761



110.7890, 16.8660, 3.6930



65.9720, 2.4788, -1.7294



30.0650, 51.7330, -26.3670



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 135.4020, -16.4672, 8.4174 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 135.4020, -16.4672, 8.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

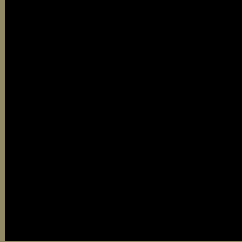
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.4020, -16.4672, 8.4174

Background



This preview shows how black text looks on a background with the YUV color 135.4020, -16.4672, 8.4174.



This preview shows how white text looks on a background with the YUV color 135.4020, -16.4672, 8.4174.

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

135.4020, -16.4672, 8.4174

Protanopia

136.0000, -16.7620, 9.6470

Deuteranopia

136.7780, -16.6526, 21.2427



Tritanopia

138.5220, 1.7147, 10.0662

Trichromacy



Original Color

135.4020, -16.4672, 8.4174

Protanomaly

135.7010, -16.6146, 9.0322

Deuteranomaly

136.1580, -16.3469, 16.5244

Tritanomaly

137.3880, -5.1213, 9.3067

Monochromacy



Original Color

135.4020, -16.4672, 8.4174

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.4150, -6.1206, 3.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4020, -16.4672, 8.4174 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(145, 137, 102)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 102)  
}
```

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(145, 137, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 102) }
```

Border

The CSS property to change the border of an element to YUV 135.4020, -16.4672, 8.4174 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(145, 137, 102) }
```


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

```
.border{ border-color:rgb(145, 137, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 102);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 135.4020, -16.4672, 8.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 102) }
```

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

```
.background{ background-color: rgb(145,  
137, 102) }
```

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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