

Converting Colors

YUV(135.0920, -16.3144,
6.0583)

Have a look what the booklet for
YUV(135.0920, -16.3144, 6.0583)
contains.

YUV(135.0920, -16.3144, 6.0583)	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(135.0920, -16.3144,
6.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8A66
RGB	142, 138, 102
RGB Percent	56%, 54%, 40%
CMY	0.4431, 0.4588, 0.6000
CMYK	0.00, 0.03, 0.28, 0.44
HSL	54°, 16%, 48%
HSV	54°, 28%, 56%
XYZ	22.6421, 24.8871, 16.1807
YIQ	135.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

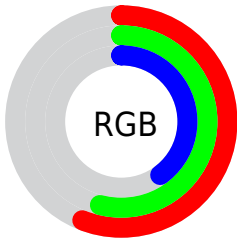
Format	Color
RYB	106, 142, 102
Decimal	9341542
CIELab	56.97, -4.55, 19.87
CIElCh	57, 20.381, 102.906
Yxy	24.8871, 0.3554, 0.3906
Android (android.graphics.Color)	4287531622 (0xFF8E8A66)
YUV	135.0920, -16.3144, 6.0583
Hunter-Lab	49.8869, -6.2867, 15.6903

Details

The YUV color **135.0920, -16.3144, 6.0583** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **108.9080, 16.3144, -6.0583**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1630, -17.3354, 6.8730**, and **85.1350, -14.8566, 5.1436** is the 20% darker color. If you saturate the color by 10%, you get **132.9090, -22.1401, 7.9728**, and if you desaturate by 10%, it is **137.2750, -10.4886, 4.1438**.

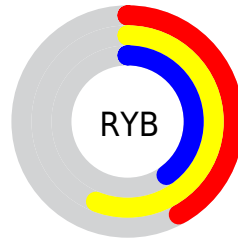
Distribution



Red (56%)

Green (54%)

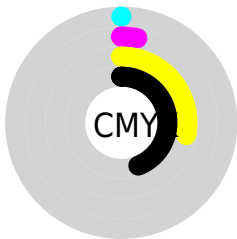
Blue (40%)



Red (42%)

Yellow (56%)

Blue (40%)

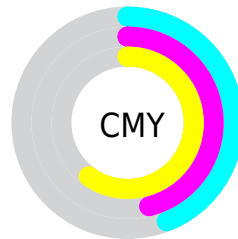


Cyan (0%)

Magenta (3%)

Yellow (28%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0920, -16.3144, 6.0583 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 135.0920, -16.3144, 6.0583 by changing the saturation by 10% instead.

■ 135.0920,
-16.3144, 6.0583

■ 135.0920,
-16.3144, 6.0583

■ 255.0000, 0.0000,
0.0000

■ 109.9070,
-15.7302, 5.3436

■ 188.1630,
-17.3354, 6.8730

■ 85.1350, -14.8566,
5.1436

■ 216.0490,
-17.7722, 6.9730

■ 61.9500, -14.2724,
4.4288

■ 244.9350,
-18.2090, 7.0730

■ 39.6510, -14.1249,
3.8141

■ 252.8340, -8.2992,
1.8996

■ 20.3780, -10.0464,
2.2995

■ 0.0000, 0.0000,
0.0000

■ 135.0920,
-16.3144, 6.0583

■ 135.0920,
-16.3144, 6.0583

■ 132.9090,
-22.1401, 7.9728

■ 137.2750,
-10.4886, 4.1438

■ 130.1390,
-27.6765, 10.4021

■ 140.0450, -4.9522,
1.7145

■ 127.8420,
-33.9391, 12.4166

■ 142.3420, 1.3104,
-0.2999

■ 125.0720,
-39.4755, 14.8459

■ 145.1120, 6.8468,
-2.7292

■ 122.8890,
-45.3013, 16.7603

■ 147.2950, 12.6726,
-4.6437

■ 120.1190,
-50.8377, 19.1896

■ 150.0650, 18.2090,
-7.0730

■ 117.9360,
-56.6634, 21.1041

■ 152.2480, 24.0347,
-8.9875

■ 117.5940,

■ 154.5450, 30.2973,

-57.9738, 21.4041

-11.0020

■ 157.3150, 35.8337,
-13.4313

Harmonies

Analogous

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



136.7670, -16.6471, 19.4983



135.0920, -16.3144, 6.0583



132.9590, -11.3188, -9.6110

Triad

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



135.0920, -16.3144, 6.0583



129.3680, 15.1016, -37.1567



139.8810, 4.0027, 22.9064

Complementary

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



135.0920, -16.3144, 6.0583



108.9080, 16.3144, -6.0583

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.



139.4430, 11.6136, 8.3815



135.0920, -16.3144, 6.0583



132.6450, 18.4160, -26.8757

Square

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



135.0920, -16.3144, 6.0583



129.0170, 7.3866, -35.9719



137.0000, 16.7620, -9.6470



139.3350, -4.6022, 29.5242

Rectangle

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



135.0920, -16.3144, 6.0583



131.3860, -5.6133, -19.6325



137.0000, 16.7620, -9.6470



139.5430, 6.6343, 18.8178

Sweetspot

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



135.0920, -16.3144, 6.0583



181.1160, -5.9732, 2.5293



114.4160, -4.1491, 24.1912



90.3870, -3.6418, 1.4146



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



135.0920, -16.3144, 6.0583



172.7090, -25.4925, 9.9022



132.9550, -15.2608, -5.2225



70.2020, -3.0576, 0.6998



111.9790, -55.2056, 20.1894



6.5010, -3.2050, 1.3146

Inverse Universe

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



108.9080, 16.3144, -6.0583



131.7040, 25.7819, -9.3874



111.3440, 15.1134, 5.8373



65.3850, 2.7682, -1.2146



23.6080, 54.9163, -20.7042



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 135.0920, -16.3144, 6.0583 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 135.0920, -16.3144, 6.0583 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

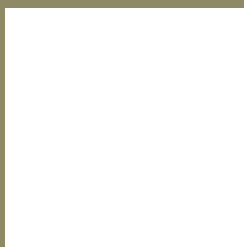
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.0920, -16.3144, 6.0583

Background



This preview shows how black text looks on a background with the YUV color 135.0920, -16.3144, 6.0583.



This preview shows how white text looks on a background with the YUV color 135.0920, -16.3144, 6.0583.

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

135.0920, -16.3144, 6.0583

Protanopia

135.8860, -17.1988, 9.7470

Deuteranopia

136.7780, -16.6526, 21.2427



Tritanopia

138.3260, 2.3043, 7.6071

Trichromacy



Original Color

135.0920, -16.3144, 6.0583

Protanomaly

135.2880, -16.9040, 8.5174

Deuteranomaly

136.4460, -16.4889, 15.3949

Tritanomaly

137.1920, -4.5317, 6.8476

Monochromacy



Original Color

135.0920, -16.3144, 6.0583

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0920, -16.3144, 6.0583 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(142, 138, 102)` looks like.

```
.text, #text, p{  
    color:rgb(142, 138, 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(142, 138, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 138, 102) }
```

Border

The CSS property to change the border of an element to YUV 135.0920, -16.3144, 6.0583 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(142, 138, 102) }
```


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

```
.border{ border-color:rgb(142, 138, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 138, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 138, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 138, 102);  
box-shadow:4px 4px 4px 4px rgb(142, 138,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 135.0920, -16.3144, 6.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 138, 102) }
```

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

```
.background{ background-color: rgb(142,  
138, 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](#).

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