

Converting Colors

YUV(100.9800, -6.3991, -0.8595)

Have a look what the booklet for
YUV(100.9800, -6.3991, -0.8595)
contains.

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Color

**YUV(100.9800, -6.3991,
-0.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	646858
RGB	100, 104, 88
RGB Percent	39%, 41%, 35%
CMY	0.6078, 0.5922, 0.6549
CMYK	0.04, 0.00, 0.15, 0.59
HSL	75°, 8%, 38%
HSV	75°, 15%, 41%
XYZ	11.9673, 13.3145, 11.1717
YIQ	100.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

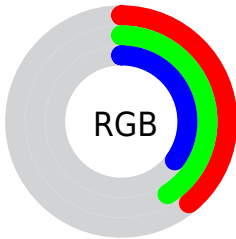
Format	Color
R_{YB}	88, 104, 92
Decimal	6580312
CIE _{Lab}	43.23, -4.71, 8.50
CIE _{LCh}	43, 9.715, 119.011
Yxy	13.3145, 0.3283, 0.3652
Android (android.graphics.Color)	4284770392 (0xFF646858)
YUV	100.9800, -6.3991, -0.8595
Hunter-Lab	36.4891, -5.3134, 7.3897

Details

The YUV color **100.9800, -6.3991, -0.8595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.0200, 6.3991, 0.8595**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8660, -6.8359, -0.7595**, and **54.2080, -5.5255, -1.0594** is the 20% darker color. If you saturate the color by 10%, you get **98.9430, -10.3249, -1.7040**, and if you desaturate by 10%, it is **103.0170, -2.4734, -0.0149**.

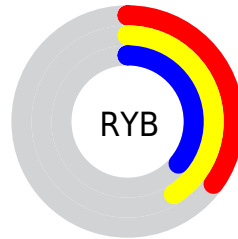
Distribution



Red (39%)

Green (41%)

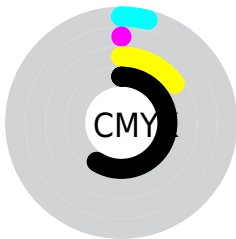
Blue (35%)



Red (35%)

Yellow (41%)

Blue (36%)

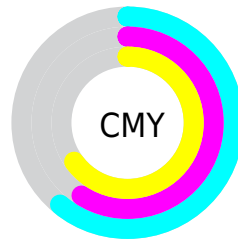


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9800, -6.3991, -0.8595 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 100.9800, -6.3991, -0.8595 by changing the saturation by 10% instead.

■ 100.9800, -6.3991,
-0.8595

■ 100.9800, -6.3991,
-0.8595

■ 255.0000, 0.0000,
0.0000

■ 77.0940, -5.9623,
-0.9594

■ 151.8660, -6.8359,
-0.7595

■ 54.2080, -5.5255,
-1.0594

■ 178.7520, -7.2727,
-0.6595

■ 33.2080, -5.5255,
-1.0594

■ 205.7520, -7.2727,
-0.6595

■ 10.0120, -4.9359,
-3.5185

■ 234.3390, -7.5621,
-1.1743

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,
0.6998

■ 100.9800, -6.3991,
-0.8595

■ 100.9800, -6.3991,
-0.8595

■ 98.9430, -10.3249,
-1.7040

■ 103.0170, -2.4734,
-0.0149

■ 97.0910, -14.8349,
-1.8338

■ 104.8690, 2.0366,
0.1149

■ 95.0540, -18.7606,
-2.6784

■ 106.9060, 5.9623,
0.9594

■ 93.2020, -23.2706,
-2.8082

■ 108.7580, 10.4723,
1.0892

■ 91.1650, -27.1963,
-3.6527

■ 110.7950, 14.3981,
1.9338

■ 89.1280, -31.1221,
-4.4973

■ 112.8320, 18.3238,
2.7783

■ 87.2760, -35.6321,
-4.6271

■ 114.6840, 22.8338,
2.9081

■ 85.2390, -39.5578,

■ 116.7210, 26.7595,

-5.4716

3.7527

■ 84.3700, -41.5944,
-5.5865

■ 118.5730, 31.2695,
3.8825

Harmonies

Analogous

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



101.6820, -7.7312, 6.4179



100.9800, -6.3991, -0.8595



100.1470, -3.0305, -8.0219

Triad

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



100.9800, -6.3991, -0.8595



100.2740, 7.7529, -13.3953



103.9630, -0.4748, 12.3104

Complementary

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



100.9800, -6.3991, -0.8595



91.0200, 6.3991, 0.8595

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.



103.6680, 3.6147, 7.3072



100.9800, -6.3991, -0.8595



101.7200, 8.0260, -7.6474

Square

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



100.9800, -6.3991, -0.8595



99.5680, 5.1430, -16.2841



102.7210, 6.5465, 0.2447



103.3500, -4.1165, 13.7251

Rectangle

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



100.9800, -6.3991, -0.8595



99.8090, -0.3988, -12.1105



102.7210, 6.5465, 0.2447



103.8920, 0.5462, 11.4957

Sweetspot

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



100.9800, -6.3991, -0.8595



133.6040, -2.7628, -0.5297



95.1320, -3.5161, 7.7772



68.2450, -1.5998, -0.2149



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



100.9800, -6.3991, -0.8595



130.4700, -9.5987, -1.2892



98.5880, -5.2199, -5.7777



50.1310, -2.0366, -0.1149



93.2190, -45.9570, -6.3311



196.4720, -96.8607, -12.6919

Inverse Universe

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



91.0200, 6.3991, 0.8595



115.5300, 9.5987, 1.2892



93.4120, 5.2199, 5.7777



46.8690, 2.0366, 0.1149



21.7810, 45.9570, 6.3311



45.8270, 96.7133, 13.3067

Previews

White Background



This preview shows how the YUV color 100.9800, -6.3991, -0.8595 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 100.9800, -6.3991, -0.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

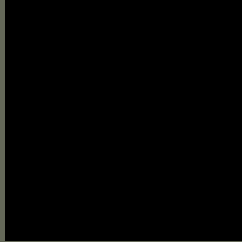
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.9800, -6.3991, -0.8595

Background



This preview shows how black text looks on a background with the YUV color 100.9800, -6.3991, -0.8595.



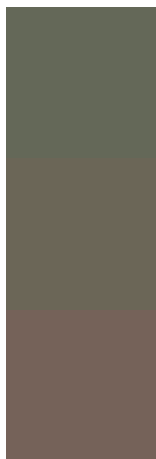
This preview shows how white text looks on a background with the YUV color 100.9800, -6.3991, -0.8595.

-0.8595.

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

100.9800, -6.3991, -0.8595

Protanopia

101.7850, -7.2890, 4.5736

Deuteranopia

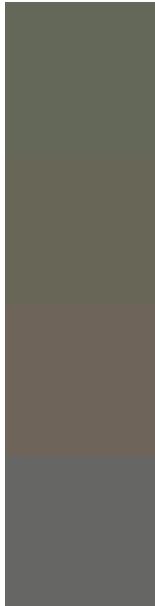
102.6550, -6.7319, 12.5806



Tritanopia

102.5100, 3.1996, 0.4297

Trichromacy



Original Color

100.9800, -6.3991, -0.8595

Protanomaly

101.4750, -7.1362, 2.2144

Deuteranomaly

102.0350, -6.4263, 7.8623

Tritanomaly

101.8860, -0.4368, 0.1000

Monochromacy



Original Color

100.9800, -6.3991, -0.8595

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9800, -6.3991, -0.8595 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(100, 104, 88)` looks like.

```
.text, #text, p{  
    color:rgb(100, 104, 88)  
}
```

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(100, 104, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 104, 88) }
```

Border

The CSS property to change the border of an element to YUV 100.9800, -6.3991, -0.8595 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(100, 104, 88) }
```


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

```
.border{ border-color:rgb(100, 104, 88) }
```

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

Here you see how a box with a 4 pixel rgb(100, 104, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 104, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 104, 88);  
box-shadow:4px 4px 4px 4px rgb(100, 104,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 100.9800, -6.3991, -0.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 104, 88) }
```

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

```
.background{ background-color: rgb(100,  
104, 88) }
```

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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