

Converting Colors

YUV(146.0200, 6.3991, 0.8595)

Have a look what the booklet for
YUV(146.0200, 6.3991, 0.8595)
contains.

YUV(146.0200, 6.3991, 0.8595)	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(146.0200, 6.3991,
0.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	938F9F
RGB	147, 143, 159
RGB Percent	58%, 56%, 62%
CMY	0.4235, 0.4392, 0.3765
CMYK	0.08, 0.10, 0.00, 0.38
HSL	255°, 8%, 59%
HSV	255°, 10%, 62%
XYZ	28.1131, 28.3512, 36.7915
YIQ	146.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

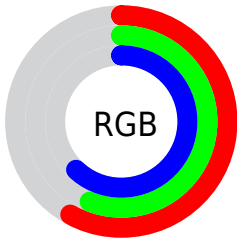
Format	Color
R_{YB}	147, 143, 159
Decimal	9670559
CIE _{Lab}	60.20, 4.67, -7.92
CIE _{LCh}	60, 9.191, 300.549
Yxy	28.3512, 0.3015, 0.3040
Android (android.graphics.Color)	4287860639 (0xFF938F9F)
YUV	146.0200, 6.3991, 0.8595
Hunter-Lab	53.2458, 1.0655, -3.6958

Details

The YUV color $146.0200, 6.3991, 0.8595$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $155.9800, -6.3991, -0.8595$, and the grayscale version is $146.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.1340, 6.8359, 0.7595$, and $95.6070, 6.1097, 0.3447$ is the 20% darker color. If you saturate the color by 10%, you get $133.0400, 12.7983, 1.7189$, and if you desaturate by 10%, it is $159.0000, 0.0000, 0.0000$.

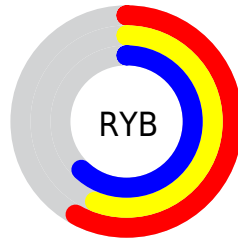
Distribution



Red (58%)

Green (56%)

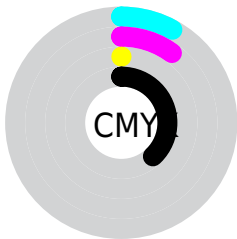
Blue (62%)



Red (58%)

Yellow (56%)

Blue (62%)

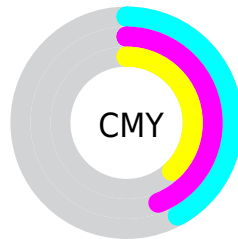


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0200, 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 146.0200, 6.3991, 0.8595 by changing the saturation by 10% instead.

■ 146.0200, 6.3991,
0.8595

■ 146.0200, 6.3991,
0.8595

■ 255.0000, 0.0000,
0.0000

■ 120.0200, 6.3991,
0.8595

■ 200.1340, 6.8359,
0.7595

■ 95.6070, 6.1097,
0.3447

■ 228.1340, 6.8359,
0.7595

■ 71.7920, 5.5255,
1.0594

■ 253.8260, 0.5788,
1.0296

■ 49.3790, 5.2362,
0.5446

■ 28.3790, 5.2362,
0.5446

■ 3.2480, 7.2727,
0.6595

■ 0.0000, 0.0000,

0.0000

■ 146.0200, 6.3991,
0.8595

■ 146.0200, 6.3991,
0.8595

■ 133.0400, 12.7983,
1.7189

■ 159.0000, 0.0000,
0.0000

■ 120.0600, 19.1974,
2.5784

■ 171.9800, -6.3991,
-0.8595

■ 107.0800, 25.5966,
3.4378

■ 184.9600,
-12.7983, -1.7189

■ 94.1000, 31.9957,
4.2973

■ 197.9400,
-19.1974, -2.5784

■ 81.7070, 38.1054,
4.6420

■ 210.9200,
-25.5966, -3.4378

■ 68.7270, 44.5046,
5.5014

■ 223.3130,
-31.7063, -3.7825

■ 56.0460, 50.7563,
6.9757

■ 235.9940,
-37.9580, -5.2567

■ 43.0660, 57.1555,
7.8351

■ 240.1690,
-40.0163, 1.6058

■ 30.0860, 63.5546,
8.6946

■ 243.7570,
-41.7852, 8.9831

Harmonies

Analogous

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



145.0190, 7.8786, -7.0327



146.0200, 6.3991, 0.8595



146.8530, 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.



146.0200, 6.3991, 0.8595



145.8290, -7.3107, 11.5510



142.5530, 1.2064, -13.6400

Complementary

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



146.0200, 6.3991, 0.8595



155.9800, -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.



143.1470, -3.0305, -8.0219



146.0200, 6.3991, 0.8595



145.2690, -8.0206, 5.9031

Square

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



146.0200, 6.3991, 0.8595



146.5350, -4.7008, 14.4398



143.9800, -6.3991, -0.8595



142.8670, 4.9956, -15.6694

Rectangle

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



146.0200, 6.3991, 0.8595



146.8920, 0.5462, 11.4957



143.9800, -6.3991, -0.8595



142.8090, -0.3988, -12.1105

Sweetspot

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



146.0200, 6.3991, 0.8595



201.3960, 2.7628, 0.5297



151.8680, 3.5161, -7.7772



100.8690, 2.0366, 0.1149



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



146.0200, 6.3991, 0.8595



186.6440, 10.0355, 1.1892



148.4120, 5.2199, 5.7777



72.5100, 3.1996, 0.4297



27.0660, 57.1555, 7.8351



2.9060, 5.9623, 0.9594

Inverse Universe

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



149.1520, 2.8831, 8.6367



191.5270, 4.1772, 13.5698



153.5880, -5.2199, -5.7777



74.0760, 1.4415, 4.3183



54.9550, 25.6582, 77.2155



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 146.0200, 6.3991, 0.8595 looks on a white background.

Color Contrast Check

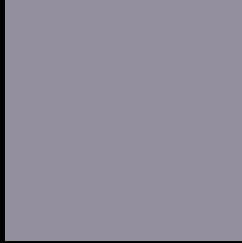
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0200, 6.3991, 0.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

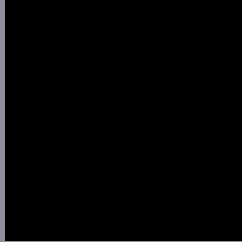
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.0200, 6.3991, 0.8595

Background



This preview shows how black text looks on a background with the YUV color 146.0200, 6.3991, 0.8595.



This preview shows how white text looks on a background with the YUV color 146.0200, 6.3991,

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

146.0200, 6.3991, 0.8595

Protanopia

145.5250, 7.1362, -2.2144

Deuteranopia

146.6400, 6.0935, 5.5777



Tritanopia

145.8520, 4.5100, 0.1298

Trichromacy



Original Color

146.0200, 6.3991, 0.8595

Protanomaly

145.8240, 6.9888, -1.5996

Deuteranomaly

146.6290, 6.0989, 3.8334

Tritanomaly

145.9660, 4.9468, 0.0298

Monochromacy



Original Color

146.0200, 6.3991, 0.8595

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0200, 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(147, 143, 159)` looks like.

```
.text, #text, p{  
    color:rgb(147, 143, 159)  
}
```

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(147, 143, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 143, 159) }
```

Border

The CSS property to change the border of an element to YUV 146.0200, 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(147, 143, 159) }
```


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

```
.border{ border-color:rgb(147, 143, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 143, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 143, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 143, 159);  
box-shadow:4px 4px 4px 4px rgb(147, 143,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 146.0200, 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(147, 143, 159) }
```

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

```
.background{ background-color: rgb(147,  
143, 159) }
```

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