

Converting Colors

YUV(133.4200, 6.2019,
-29.3093)

Have a look what the booklet for
YUV(133.4200, 6.2019, -29.3093)
contains.

YUV(133.4200, 6.2019, -29.3093)	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(133.4200, 6.2019,
-29.3093)**

Conversions

Conversions Part 1

Format	Color
Hex	649492
RGB	100, 148, 146
RGB Percent	39%, 58%, 57%
CMY	0.6078, 0.4196, 0.4275
CMYK	0.32, 0.00, 0.01, 0.42
HSL	177°, 19%, 49%
HSV	177°, 32%, 58%
XYZ	21.0337, 25.9645, 31.0972
YIQ	133.4200, -27.9660, -10.7980

Conversions

Conversions Part 2

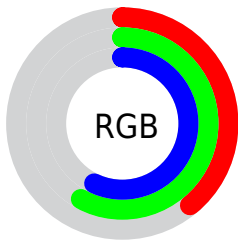
Format	Color
R_{YB}	100, 125, 148
Decimal	6591634
CIE _{Lab}	58.00, -16.55, -4.12
CIE _{LCh}	58, 17.051, 193.974
Yxy	25.9645, 0.2693, 0.3325
Android (android.graphics.Color)	4284781714 (0xFF649492)
YUV	133.4200, 6.2019, -29.3093
Hunter-Lab	50.9553, -15.4892, -0.5150

Details

The YUV color **133.4200, 6.2019, -29.3093** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **114.5800, -6.2019, 29.3093**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1210, 6.3493, -29.9241**, and **82.8330, 6.4913, -28.7945** is the 20% darker color. If you saturate the color by 10%, you get **128.8210, 7.9762, -38.4310**, and if you desaturate by 10%, it is **138.0190, 4.4276, -20.1877**.

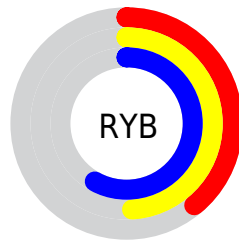
Distribution



Red (39%)

Green (58%)

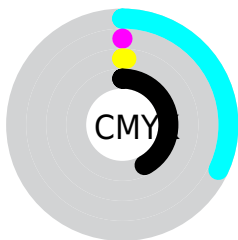
Blue (57%)



Red (39%)

Yellow (49%)

Blue (58%)

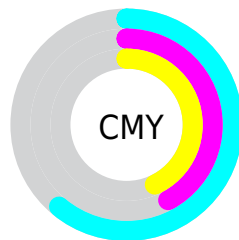


Cyan (32%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (61%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4200, 6.2019, -29.3093 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 133.4200, 6.2019, -29.3093 by changing the saturation by 10% instead.

■ 133.4200, 6.2019,
-29.3093

■ 133.4200, 6.2019,
-29.3093

■ 255.0000, 0.0000,
0.0000

■ 107.7190, 6.0545,
-28.6946

■ 187.1210, 6.3493,
-29.9241

■ 82.8330, 6.4913,
-28.7945

■ 214.8220, 6.4968,
-30.5389

■ 58.2350, 6.7861,
-30.0241

■ 240.9470, 6.9281,
-28.8945

■ 35.0500, 7.3704,
-30.7388

■ 249.6180, 2.6533,
-11.0660

■ 20.9160, 3.9854,
-18.3433

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 133.4200, 6.2019,
-29.3093

■ 133.4200, 6.2019,
-29.3093

■ 128.8210, 7.9762,
-38.4310

■ 138.0190, 4.4276,
-20.1877

■ 124.3360, 10.1874,
-47.6527

■ 142.5040, 2.2165,
-10.9660

■ 120.0360, 11.8143,
-56.1596

■ 146.8040, 0.5896,
-2.4591

■ 115.5510, 14.0254,
-65.3812

■ 151.2890, -1.6215,
6.7625

■ 110.9520, 15.7997,
-74.5029

■ 155.8880, -3.3958,
15.8842

■ 106.3530, 17.5740,
-83.6246

■ 160.4870, -5.1701,
25.0059

■ 103.0640, 19.1954,
-90.3871

■ 164.9720, -7.3812,
34.2276

■ 169.2720, -9.0081,
42.7345

■ 173.8710,
-10.7824, 51.8561

Harmonies

Analogous

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



134.4120, -1.6821, -20.5323



133.4200, 6.2019, -29.3093



134.4290, 12.6065, -30.1942

Triad

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



133.4200, 6.2019, -29.3093



141.5740, 9.5770, 8.2666



139.7280, -14.1629, 16.0245

Complementary

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



133.4200, 6.2019, -29.3093



114.5800, -6.2019, 29.3093

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.



140.6950, -10.6956, 23.9465



133.4200, 6.2019, -29.3093



142.2180, 2.8505, 19.1028

Square

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



133.4200, 6.2019, -29.3093



139.3270, 14.1358, -7.3028



141.7150, -4.2965, 24.8059



138.3630, -13.9830, 4.9436

Rectangle

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



133.4200, 6.2019, -29.3093



135.4450, 15.0636, -24.9463



141.7150, -4.2965, 24.8059



139.9780, -13.3002, 19.3133

Sweetspot

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



133.4200, 6.2019, -29.3093



185.2050, 2.3639, -11.5808



128.7740, -14.1856, -23.4808



93.2980, 1.3321, -7.2773



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



133.4200, 6.2019, -29.3093



168.5320, 9.5977, -45.1936



120.7340, 13.4421, -18.1837



71.9070, 1.0318, -4.3034



96.0540, 17.7214, -84.2394



7.0100, 1.4741, -6.1478

Inverse Universe

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



114.5800, -6.2019, 29.3093



139.4680, -9.5977, 45.1936



127.2660, -13.4421, 18.1837



69.0930, -1.0318, 4.3034



41.9460, -17.7214, 84.2394



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 133.4200, 6.2019, -29.3093 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 133.4200, 6.2019, -29.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

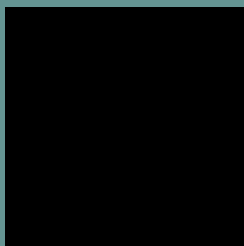
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.4200, 6.2019, -29.3093

Background



This preview shows how black text looks on a background with the YUV color 133.4200, 6.2019, -29.3093.



This preview shows how white text looks on a background with the YUV color 133.4200, 6.2019,

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

133.4200, 6.2019, -29.3093

Protanopia

139.1250, 0.4314, 1.6444

Deuteranopia

140.4830, 4.1989, 6.5924



Tritanopia

134.5110, 11.5801, -27.6351

Trichromacy



Original Color

133.4200, 6.2019, -29.3093

Protanomaly

137.2160, 2.3585, -9.8364

Deuteranomaly

138.2210, 4.8210, -6.3328

Tritanomaly

134.3430, 9.6909, -28.3648

Monochromacy



Original Color

133.4200, 6.2019, -29.3093

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4200, 6.2019, -29.3093 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, 148, 146)` looks like.

```
.text, #text, p{  
    color:rgb(100, 148, 146)  
}
```

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, 148, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 148, 146) }
```

Border

The CSS property to change the border of an element to YUV 133.4200, 6.2019, -29.3093 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, 148, 146) }
```


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

```
.border{ border-color:rgb(100, 148, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 148, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 148, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 148, 146);  
box-shadow:4px 4px 4px 4px rgb(100, 148,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 133.4200, 6.2019, -29.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 148, 146) }
```

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

```
.background{ background-color: rgb(100,  
148, 146) }
```

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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