

Converting Colors

YUV(83.9100, 9.9044, -3.4291)

Have a look what the booklet for
YUV(83.9100, 9.9044, -3.4291)
contains.

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Color

**YUV(83.9100, 9.9044,
-3.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	505268
RGB	80, 82, 104
RGB Percent	31%, 32%, 41%
CMY	0.6863, 0.6784, 0.5922
CMYK	0.23, 0.21, 0.00, 0.59
HSL	235°, 13%, 36%
HSV	235°, 23%, 41%
XYZ	8.8242, 8.7395, 14.3185
YIQ	83.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

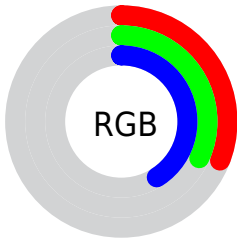
Format	Color
R_{YB}	80, 82, 104
Decimal	5263976
CIE _{Lab}	35.48, 4.52, -12.95
CIE _{LCh}	35, 13.715, 289.225
Yxy	8.7395, 0.2768, 0.2741
Android (android.graphics.Color)	4283454056 (0xFF505268)
YUV	83.9100, 9.9044, -3.4291
Hunter-Lab	29.5627, 1.5462, -8.0228

Details

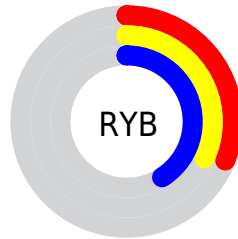
The YUV color **83.9100, 9.9044, -3.4291** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.0900, -9.9044, 3.4291**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4370, 10.6306, -3.0142**, and **38.6820, 9.0308, -3.2291** is the 20% darker color. If you saturate the color by 10%, you get **75.0500, 14.2724, -4.4288**, and if you desaturate by 10%, it is **92.7700, 5.5364, -2.4293**.

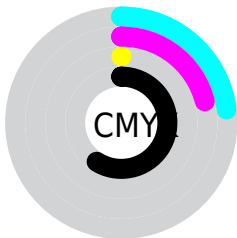
Distribution



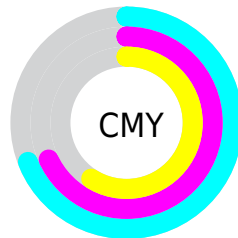
- Red (31%)
- Green (32%)
- Blue (41%)



- Red (31%)
- Yellow (32%)
- Blue (41%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (68%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9100, 9.9044, -3.4291 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 83.9100, 9.9044, -3.4291 by changing the saturation by 10% instead.

■ 83.9100, 9.9044,
-3.4291

■ 83.9100, 9.9044,
-3.4291

■ 255.0000, 0.0000,
0.0000

■ 60.7960, 9.4676,
-3.3291

■ 133.4370, 10.6306,
-3.0142

■ 38.6820, 9.0308,
-3.2291

■ 159.5510, 11.0674,
-3.1142

■ 18.1550, 8.3046,
-3.6439

■ 186.6650, 11.5042,
-3.2142

■ 1.3680, 5.2416,
-1.1997

■ 214.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 241.4110, 6.6994,
-2.1144

■ 83.9100, 9.9044,
-3.4291

■ 83.9100, 9.9044,
-3.4291

■ 75.0500, 14.2724,
-4.4288

■ 92.7700, 5.5364,
-2.4293

■ 66.4780, 18.4983,
-6.5582

■ 101.3420, 1.3104,
-0.2999

■ 57.6180, 22.8663,
-7.5580

■ 110.2020, -3.0576,
0.6998

■ 49.0460, 27.0923,
-9.6873

■ 118.7740, -7.2836,
2.8292

■ 40.1860, 31.4603,
-10.6871

■ 127.6340,
-11.6516, 3.8290

■ 31.9130, 35.5389,
-12.2017

■ 135.9070,
-15.7302, 5.3436

■ 22.7540, 40.0543,
-13.8163

■ 145.0660,
-20.2455, 6.9581

■ 17.1390, 42.8225,

■ 153.3390,

-15.0309

-24.3241, 8.4727

■ 162.4980,
-28.8395, 10.0873

Harmonies

Analogous

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



81.8870, 11.3947, -14.8099



83.9100, 9.9044, -3.4291



85.0640, 6.3774, 7.8369

Triad

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



83.9100, 9.9044, -3.4291



84.2210, -8.4900, 16.4692



79.1890, -0.0932, -16.8288

Complementary

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



83.9100, 9.9044, -3.4291



100.0900, -9.9044, 3.4291

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.



81.0500, -5.9406, -7.9368



83.9100, 9.9044, -3.4291



83.0200, -10.3629, 10.5065

Square

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



83.9100, 9.9044, -3.4291



85.0840, -3.9854, 18.3433



82.1930, -9.4621, 1.5847



78.9370, 5.4541, -22.7467

Rectangle

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



83.9100, 9.9044, -3.4291



85.4730, 2.7248, 12.7402



82.1930, -9.4621, 1.5847



79.9290, -2.4300, -13.9697

Sweetspot

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



83.9100, 9.9044, -3.4291



127.0260, 3.9312, -0.8998



96.5960, 2.6642, -14.5547



64.2710, 2.3314, -1.1147



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.



83.9100, 9.9044, -3.4291



103.0930, 15.7302, -5.3436



85.7260, 9.0091, 3.7483



46.5700, 2.1840, -0.4999



18.9800, 47.3379, -16.6455



39.3280, 99.9173, -34.4907

Inverse Universe

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



87.4040, -2.6642, 14.5547



108.7040, -4.2911, 23.0616



98.2740, -9.0091, -3.7483



47.4950, -0.7370, 3.0739



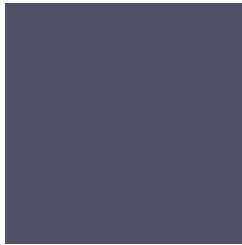
35.5250, -12.5838, 69.6996



74.6380, -26.9365, 146.7765

Previews

White Background



This preview shows how the YUV color 83.9100, 9.9044, -3.4291 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 ✓ Pass

Black Background



This preview shows how the YUV color 83.9100, 9.9044, -3.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

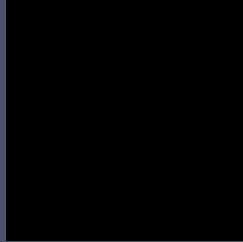
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9100, 9.9044, -3.4291

Background



This preview shows how black text looks on a background with the YUV color 83.9100, 9.9044, -3.4291.



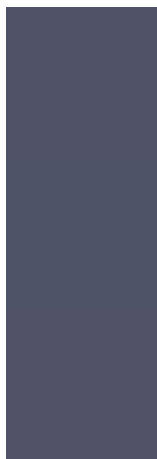
This preview shows how white text looks on a background with the YUV color 83.9100, 9.9044,

-3.4291.

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

83.9100, 9.9044, -3.4291

Protanopia

83.8990, 9.9098, -5.1734

Deuteranopia

84.2090, 9.7570, -2.8143



Tritanopia

83.0040, 3.9420, -4.3885

Trichromacy



Original Color

83.9100, 9.9044, -3.4291

Protanomaly

84.1980, 9.7624, -4.5586

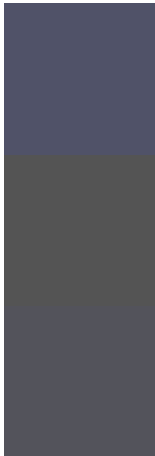
Deuteranomaly

84.2090, 9.7570, -2.8143

Tritanomaly

83.2860, 6.2680, -3.7588

Monochromacy



Original Color

83.9100, 9.9044, -3.4291

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9100, 9.9044, -3.4291 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(80, 82, 104)` looks like.

```
.text, #text, p{  
    color:rgb(80, 82, 104)  
}
```

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(80, 82, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 82, 104) }
```

Border

The CSS property to change the border of an element to YUV 83.9100, 9.9044, -3.4291 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(80, 82, 104) }
```


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

```
.border{ border-color:rgb(80, 82, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 82, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 82, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 82, 104);  
box-shadow:4px 4px 4px 4px rgb(80, 82,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 83.9100, 9.9044, -3.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 82, 104) }
```

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

```
.background{ background-color: rgb(80, 82,  
104) }
```

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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