

Converting Colors

YUV(83.8420, 3.0359, 6.2776)

Have a look what the booklet for
YUV(83.8420, 3.0359, 6.2776)
contains.

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Color

**YUV(83.8420, 3.0359,
6.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4F5A
RGB	91, 79, 90
RGB Percent	36%, 31%, 35%
CMY	0.6431, 0.6902, 0.6471
CMYK	0.00, 0.13, 0.01, 0.64
HSL	305°, 7%, 33%
HSV	305°, 13%, 36%
XYZ	8.9558, 8.5543, 10.8520
YIQ	83.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

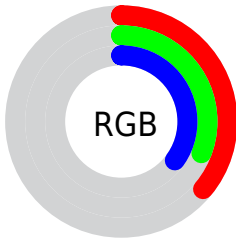
Format	Color
RYB	91, 79, 90
Decimal	5984090
CIELab	35.11, 7.21, -4.61
CIELCh	35, 8.559, 327.451
Yxy	8.5543, 0.3158, 0.3016
Android (android.graphics.Color)	4284174170 (0xFF5B4F5A)
YUV	83.8420, 3.0359, 6.2776
Hunter-Lab	29.2477, 3.4742, -1.5254

Details

The YUV color **83.8420, 3.0359, 6.2776** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.1580, -3.0359, -6.2776**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2550, 3.3253, 6.7924**, and **39.0160, 2.4571, 5.2480** is the 20% darker color. If you saturate the color by 10%, you get **78.4450, 5.2036, 11.0107**, and if you desaturate by 10%, it is **89.2390, 0.8682, 1.5444**.

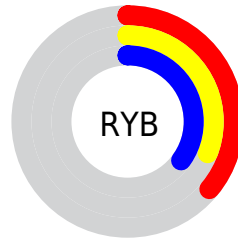
Distribution



Red (36%)

Green (31%)

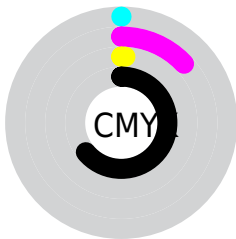
Blue (35%)



Red (36%)

Yellow (31%)

Blue (35%)

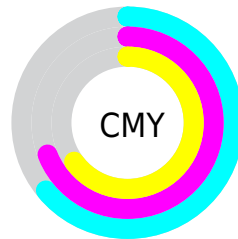


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8420, 3.0359, 6.2776 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 83.8420, 3.0359, 6.2776 by changing the saturation by 10% instead.

■ 83.8420, 3.0359,
6.2776

■ 83.8420, 3.0359,
6.2776

■ 255.0000, 0.0000,
0.0000

■ 60.5430, 3.1833,
5.6628

■ 133.2550, 3.3253,
6.7924

■ 39.0160, 2.4571,
5.2480

■ 159.5540, 3.1779,
7.4071

■ 17.8420, 3.0359,
6.2776

■ 186.6680, 3.6147,
7.3072

■ 0.0000, 0.0000,
0.0000

■ 213.9670, 3.4673,
7.9219

■ 242.6680, 3.6147,
7.3072

■ 83.8420, 3.0359,
6.2776

■ 83.8420, 3.0359,
6.2776

■ 78.4450, 5.2036,
11.0107

■ 89.2390, 0.8682,
1.5444

■ 73.0480, 7.3713,
15.7439

■ 94.6360, -1.2995,
-3.1888

■ 67.7650, 9.9759,
20.3771

■ 99.9190, -3.9041,
-7.8220

■ 62.3680, 12.1436,
25.1103

■ 105.3160, -6.0718,
-12.5551

■ 56.9710, 14.3113,
29.8434

■ 111.3000, -8.5289,
-17.8031

■ 50.9870, 16.7684,
35.0914

■ 116.6970,
-10.6966, -22.5363

■ 45.7040, 19.3729,
39.7246

■ 121.9800,
-13.3011, -27.1695

■ 40.3070, 21.5406,

■ 127.3770,

44.4578

-15.4689, -31.9026

■ 36.6710, 22.8402,
47.6465

■ 132.7740,
-17.6366, -36.6358

Harmonies

Analogous

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



83.1940, 5.8204, -0.1701



83.8420, 3.0359, 6.2776



83.9520, -0.4693, 10.5661

Triad

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



83.8420, 3.0359, 6.2776



82.6110, -6.7102, 5.6032



80.0630, 4.4059, -13.2103

Complementary

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



83.8420, 3.0359, 6.2776



86.1580, -3.0359, -6.2776

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.



80.4500, 0.7642, -11.7956



83.8420, 3.0359, 6.2776



81.5070, -5.6730, -0.4446

Square

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



83.8420, 3.0359, 6.2776



83.1600, -5.9949, 9.5067



80.8590, -2.8885, -6.8923



80.9430, 6.4371, -11.3510

Rectangle

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



83.8420, 3.0359, 6.2776



83.7950, -2.3639, 11.5808



80.8590, -2.8885, -6.8923



80.3080, 2.8062, -13.4251

Sweetspot

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



83.8420, 3.0359, 6.2776



114.6520, 1.1576, 2.0592



80.6670, 5.0942, -0.5850



57.1250, 0.4314, 1.6444



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



83.8420, 3.0359, 6.2776



106.3200, 4.7722, 9.3664



83.1580, 0.4151, 6.8774



43.0650, 1.4470, 2.5740



44.4040, 27.9018, 57.5277



95.6010, 59.8497, 124.0069

Inverse Universe

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



83.8420, 3.0359, 6.2776



106.3200, 4.7722, 9.3664



86.8420, -0.4151, -6.8774



43.0650, 1.4470, 2.5740



44.4040, 27.9018, 57.5277



95.6010, 59.8497, 124.0069

Previews

White Background



This preview shows how the YUV color 83.8420, 3.0359, 6.2776 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 83.8420, 3.0359, 6.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

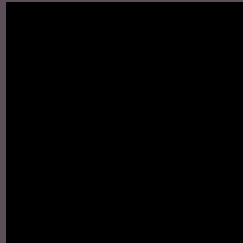
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8420, 3.0359, 6.2776

Background



This preview shows how black text looks on a background with the YUV color 83.8420, 3.0359, 6.2776.



This preview shows how white text looks on a background with the YUV color 83.8420, 3.0359,

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

83.8420, 3.0359, 6.2776

Protanopia

82.8410, 4.5154, -1.6146

Deuteranopia

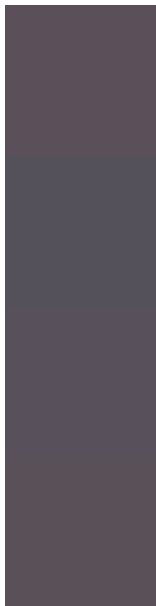
83.2330, 3.3361, 3.3037



Tritanopia

83.6740, 1.1467, 5.5479

Trichromacy



Original Color

83.8420, 3.0359, 6.2776

Protanomaly

83.3360, 3.7784, 1.4593

Deuteranomaly

83.5320, 3.1887, 3.9184

Tritanomaly

83.7880, 1.5835, 5.4479

Monochromacy



Original Color

83.8420, 3.0359, 6.2776

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9510, 1.0102, 2.6740

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8420, 3.0359, 6.2776 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(91, 79, 90)` looks like.

```
.text, #text, p{  
    color:rgb(91, 79, 90)  
}
```

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(91, 79, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 79, 90) }
```

Border

The CSS property to change the border of an element to YUV 83.8420, 3.0359, 6.2776 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(91, 79, 90) }
```


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

```
.border{ border-color:rgb(91, 79, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 79, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 79, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 79, 90);  
box-shadow:4px 4px 4px 4px rgb(91, 79, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.8420, 3.0359, 6.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 79, 90) }
```

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

```
.background{ background-color: rgb(91, 79,  
90) }
```

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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