

Converting Colors

YUV(50.8900, 13.8582, 35.1765)

Have a look what the booklet for
YUV(50.8900, 13.8582, 35.1765)
contains.

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Color

**YUV(50.8900, 13.8582,
35.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	5B194F
RGB	91, 25, 79
RGB Percent	36%, 10%, 31%
CMY	0.6431, 0.9020, 0.6902
CMYK	0.00, 0.73, 0.13, 0.64
HSL	311°, 57%, 23%
HSV	311°, 73%, 36%
XYZ	6.0733, 3.4839, 7.7495
YIQ	50.8900, 22.0020, 30.7860

Conversions

Conversions Part 2

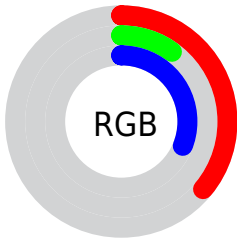
Format	Color
R_YB	91, 25, 79
Decimal	5970255
CIE Lab	21.89, 36.59, -17.56
CIE LCh	22, 40.587, 334.361
Yxy	3.4839, 0.3509, 0.2013
Android (android.graphics.Color)	4284160335 (0xFF5B194F)
YUV	50.8900, 13.8582, 35.1765
Hunter-Lab	18.6653, 25.4161, -11.5505

Details

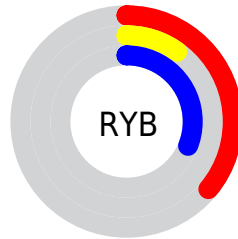
The YUV color **50.8900, 13.8582, 35.1765** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65.1100, -13.8582, -35.1765**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3740, 13.1266, 36.5060**, and **17.1460, 8.8020, 23.5510** is the 20% darker color. If you saturate the color by 10%, you get **45.3790, 15.5892, 40.0096**, and if you desaturate by 10%, it is **56.4010, 12.1273, 30.3433**.

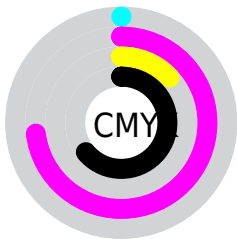
Distribution



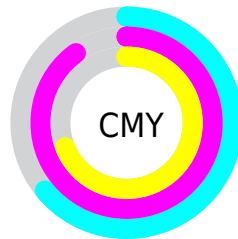
- Red (36%)
- Green (10%)
- Blue (31%)



- Red (36%)
- Yellow (10%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (13%)
- Black (64%)



- Cyan (64%)
- Magenta (90%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8900, 13.8582, 35.1765 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 50.8900, 13.8582, 35.1765 by changing the saturation by 10% instead.

■ 50.8900, 13.8582,
35.1765

■ 50.8900, 13.8582,
35.1765

■ 255.0000, 0.0000,
0.0000

■ 26.1180, 14.7318,
34.9765

■ 101.3740, 13.1266,
36.5060

■ 17.1460, 8.8020,
23.5510

■ 127.3850, 13.1212,
38.2504

■ 1.0260, 3.9312,
-0.8998

■ 154.0970, 13.2632,
39.3799

■ 0.0000, 0.0000,
0.0000

■ 180.9230, 13.8420,
40.4095


■ 208.3360, 14.1314,
40.9243


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 50.8900, 13.8582,
35.1765


 50.8900, 13.8582,
35.1765


 45.3790, 15.5892,
40.0096


 56.4010, 12.1273,
30.3433


 39.9820, 17.7569,
44.7428

 61.7980, 9.9596,
25.6102

 35.6450, 18.9090,
48.5463

 67.3090, 8.2287,
20.7770

 72.8200, 6.4977,
15.9439

 78.2170, 4.3300,
11.2107

■ 84.3150, 2.3097,
5.8627

■ 89.8260, 0.5788,
1.0296

■ 95.2230, -1.5889,
-3.7036

■ 100.7340, -3.3199,
-8.5367

Harmonies

Analogous

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



53.1400, 24.5810, 2.5082



50.8900, 13.8582, 35.1765



44.9000, 2.0213, 51.8307

Triad

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



50.8900, 13.8582, 35.1765



49.6490, -24.4770, 10.8318



47.9590, 18.7542, -42.0600

Complementary

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



50.8900, 13.8582, 35.1765



65.1100, -13.8582, -35.1765

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.



44.5390, 5.6503, -39.0607



50.8900, 13.8582, 35.1765



44.1900, -21.7857, -12.4446

Square

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



50.8900, 13.8582, 35.1765



49.4820, -24.3946, 31.1493



40.4180, -7.6011, -35.4466



48.5920, 28.7951, -42.6152

Rectangle

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



50.8900, 13.8582, 35.1765



45.9570, -7.8668, 50.0267



40.4180, -7.6011, -35.4466



46.9330, 14.8230, -41.1602

Sweetspot

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



50.8900, 13.8582, 35.1765



101.2820, 5.7770, 13.7847



35.8130, 27.2072, 0.1640



49.2660, 3.3199, 8.5367



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.



50.8900, 13.8582, 35.1765



55.0740, 21.6555, 54.3091



47.2420, -0.1193, 38.3758



42.9510, 1.0102, 2.6740



43.1500, 23.0970, 58.6274



92.9790, 49.8034, 126.3064

Inverse Universe

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



50.8900, 13.8582, 35.1765



55.0740, 21.6555, 54.3091



68.7580, 0.1193, -38.3758



42.9510, 1.0102, 2.6740



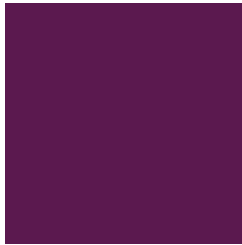
43.1500, 23.0970, 58.6274



92.9790, 49.8034, 126.3064

Previews

White Background



This preview shows how the YUV color 50.8900, 13.8582, 35.1765 looks on a white background.

Color Contrast Check

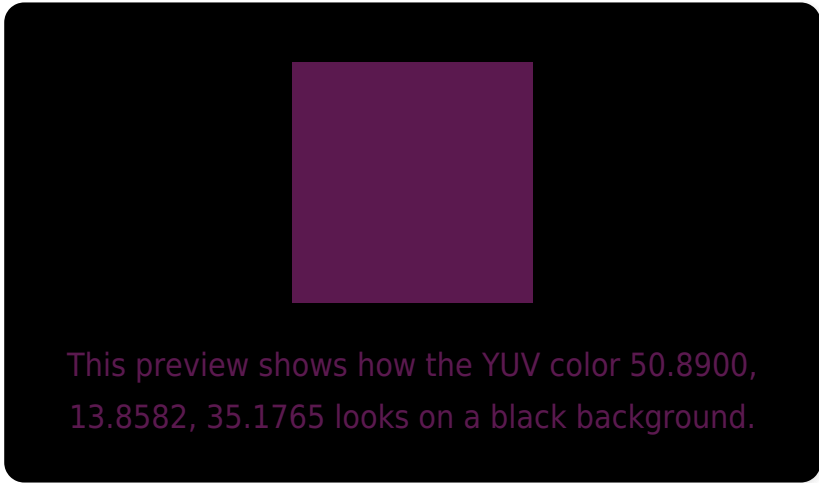
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

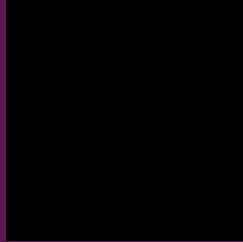
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8900, 13.8582, 35.1765

Background



This preview shows how black text looks on a background with the YUV color 50.8900, 13.8582, 35.1765.



This preview shows how white text looks on a background with the YUV color 50.8900, 13.8582,

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

50.8900, 13.8582, 35.1765

Protanopia

49.9260, 25.6725, -20.9831

Deuteranopia

53.7140, 10.4940, -5.8882



Tritanopia

52.8790, -6.3493, 29.9241

Trichromacy



Original Color

50.8900, 13.8582, 35.1765

Protanomaly

50.3200, 21.5342, -0.2806

Deuteranomaly

52.7420, 11.4662, 8.9963

Tritanomaly

51.8390, 1.0654, 31.7132

Monochromacy



Original Color

50.8900, 13.8582, 35.1765

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8900, 13.8582, 35.1765 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, 25, 79)` looks like.

```
.text, #text, p{  
    color:rgb(91, 25, 79)  
}
```

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, 25, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 25, 79) }
```

Border

The CSS property to change the border of an element to YUV 50.8900, 13.8582, 35.1765 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, 25, 79) }
```


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

```
.border{ border-color:rgb(91, 25, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 25, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 25, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 25, 79);  
box-shadow:4px 4px 4px 4px rgb(91, 25, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.8900, 13.8582, 35.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 25, 79) }
```

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

```
.background{ background-color: rgb(91, 25,  
79) }
```

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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