

Converting Colors

YUV(58.8950, 36.5338, 42.1881)

Have a look what the booklet for
YUV(58.8950, 36.5338, 42.1881)
contains.

YUV(58.8950, 36.5338, 42.1881)	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>	30

Color

**YUV(58.8950, 36.5338,
42.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1485
RGB	107, 20, 133
RGB Percent	42%, 8%, 52%
CMY	0.5804, 0.9216, 0.4784
CMYK	0.20, 0.85, 0.00, 0.48
HSL	286°, 74%, 30%
HSV	286°, 85%, 52%
XYZ	10.5472, 5.3196, 22.6612
YIQ	58.8950, 15.5790, 53.5870

Conversions

Conversions Part 2

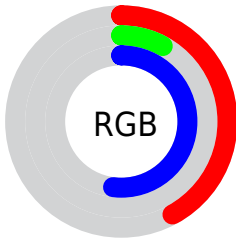
Format	Color
R _Y B	107, 20, 133
Decimal	7017605
CIE Lab	27.63, 52.23, -43.31
CIE LCh	28, 67.845, 320.335
Yxy	5.3196, 0.2738, 0.1381
Android (android.graphics.Color)	4285207685 (0xFF6B1485)
YUV	58.8950, 36.5338, 42.1881
Hunter-Lab	23.0642, 41.2653, -42.1091

Details

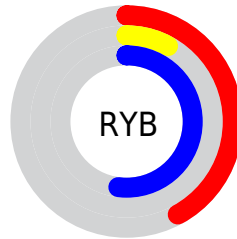
The YUV color **58.8950, 36.5338, 42.1881** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **94.1050, -36.5338, -42.1881**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9550, 35.5182, 41.2585**, and **25.4940, 27.8575, 24.9998** is the 20% darker color. If you saturate the color by 10%, you get **50.3670, 40.7381, 47.0361**, and if you desaturate by 10%, it is **67.4230, 32.3295, 37.3400**.

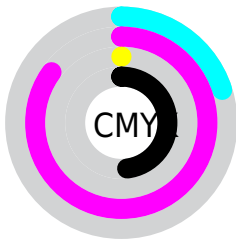
Distribution



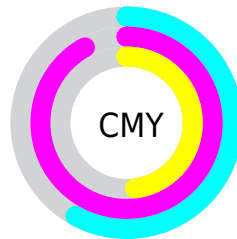
- Red (42%)
- Green (8%)
- Blue (52%)



- Red (42%)
- Yellow (8%)
- Blue (52%)



- Cyan (20%)
- Magenta (85%)
- Yellow (0%)
- Black (48%)



- Cyan (58%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8950, 36.5338, 42.1881 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 58.8950, 36.5338, 42.1881 by changing the saturation by 10% instead.

■ 58.8950, 36.5338,
42.1881

■ 58.8950, 36.5338,
42.1881

■ 255.0000, 0.0000,
0.0000

■ 36.1180, 34.9448,
38.4845

■ 114.9550, 35.5182,
41.2585

■ 25.4940, 27.8575,
24.9998

■ 141.7810, 36.0970,
42.2881

■ 15.9950, 21.2015,
13.1594

■ 169.6070, 36.6757,
43.3177

■ 5.2780, 15.1459,
-4.6288

■ 195.3810, 29.3922,
46.1469

■ 1.2540, 4.8048,
-1.0998

■ 213.9100, 20.2574,
36.0359

■ 0.0000, 0.0000,
0.0000

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

58.8950, 36.5338,
42.1881

58.8950, 36.5338,
42.1881

50.3670, 40.7381,
47.0361

67.4230, 32.3295,
37.3400

45.6600, 43.0586,
49.4102

76.5380, 27.8358,
31.9772

85.0660, 23.6315,
27.1291

93.5940, 19.4272,
22.2811

102.7090, 14.9335,
16.9182

■ 111.2370, 10.7292,
12.0702

■ 119.7650, 6.5249,
7.2221

■ 128.2930, 2.3206,
2.3740

■ 137.7070, -2.3206,
-2.3740

Harmonies

Analogous

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



54.0300, 54.7082, -47.3843



58.8950, 36.5338, 42.1881



52.9310, 15.3170, 80.7445

Triad

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



58.8950, 36.5338, 42.1881



61.8640, -30.4990, 29.0603



61.2950, 19.0816, -53.7557

Complementary

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



58.8950, 36.5338, 42.1881



94.1050, -36.5338, -42.1881

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.



54.5520, -4.2161, -47.8421



58.8950, 36.5338, 42.1881



56.6050, -27.9063, -9.3006

Square

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



58.8950, 36.5338, 42.1881



52.3710, -25.8189, 68.0806



47.5470, -23.4407, -41.6987



65.9520, 39.4637, -57.8399

Rectangle

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



58.8950, 36.5338, 42.1881



50.8490, -0.4186, 87.8324



47.5470, -23.4407, -41.6987



59.3570, 11.6560, -52.0561

Sweetspot

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



58.8950, 36.5338, 42.1881



144.7690, 13.9179, 15.9886



48.1440, 41.8340, -24.6823



69.9440, 8.4086, 9.6961



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



58.8950, 36.5338, 42.1881



59.7880, 55.8135, 65.0839



63.2490, 19.5972, 61.1716



62.1790, 1.8838, 2.4740



44.7200, 42.0430, 48.4806



0.9400, 1.0156, 0.9296

Inverse Universe

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



56.7510, -5.3002, 66.8704



56.2870, -8.0295, 102.3573



89.7510, -19.5972, -61.1716



61.9080, -0.4476, 3.5887



42.2900, -6.0590, 76.9217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 58.8950, 36.5338, 42.1881 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 58.8950, 36.5338, 42.1881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

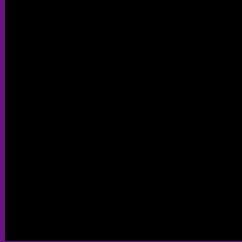
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8950, 36.5338, 42.1881

Background



This preview shows how black text looks on a background with the YUV color 58.8950, 36.5338, 42.1881.



This preview shows how white text looks on a background with the YUV color 58.8950, 36.5338,

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

58.8950, 36.5338, 42.1881

Protanopia

53.6590, 40.5941, -47.0589

Tritanopia

67.0140, -4.4439, 25.4207

Trichromacy



Original Color

58.8950, 36.5338, 42.1881

Protanomaly

55.8140, 39.0387, -14.7459

Tritanomaly

64.2440, 10.2327, 31.3580

Monochromacy



Original Color

58.8950, 36.5338, 42.1881

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9430, 13.3391, 14.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8950, 36.5338, 42.1881 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(107, 20, 133)` looks like.

```
.text, #text, p{  
    color:rgb(107, 20, 133)  
}
```

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(107, 20, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 20, 133) }
```

Border

The CSS property to change the border of an element to YUV 58.8950, 36.5338, 42.1881 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(107, 20, 133) }
```

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

```
.border{ border-color:rgb(107, 20, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 20, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 20, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 20, 133);  
box-shadow:4px 4px 4px 4px rgb(107, 20,  
133) }
```


Background

The CSS property to change the background color of an element to YUV 58.8950, 36.5338, 42.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 20, 133) }
```

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

```
.background{ background-color: rgb(107, 20,  
133) }
```

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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