

Converting Colors

YUV(128.8760, 11.8931,
58.8677)

Have a look what the booklet for
YUV(128.8760, 11.8931, 58.8677)
contains.

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Color

**YUV(128.8760, 11.8931,
58.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	C45A99
RGB	196, 90, 153
RGB Percent	77%, 35%, 60%
CMY	0.2314, 0.6471, 0.4000
CMYK	0.00, 0.54, 0.22, 0.23
HSL	324°, 47%, 56%
HSV	324°, 54%, 77%
XYZ	32.1709, 21.3480, 32.5620
YIQ	128.8760, 42.9530, 42.0650

Conversions

Conversions Part 2

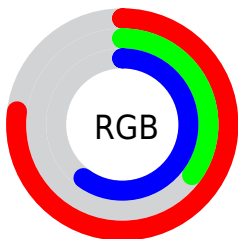
Format	Color
R_{YB}	196, 90, 153
Decimal	12868249
CIE _{Lab}	53.33, 49.62, -14.21
CIE _{LCh}	53, 51.620, 344.016
Yxy	21.3480, 0.3737, 0.2480
Android (android.graphics.Color)	4291058329 (0xFFC45A99)
YUV	128.8760, 11.8931, 58.8677
Hunter-Lab	46.2039, 43.4293, -9.4416

Details

The YUV color **128.8760, 11.8931, 58.8677** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **157.1240, -11.8931, -58.8677**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3710, 11.1561, 61.9416**, and **73.7340, 13.9351, 57.2383** is the 20% darker color. If you saturate the color by 10%, you get **116.2240, 14.1866, 69.9636**, and if you desaturate by 10%, it is **141.5280, 9.5997, 47.7719**.

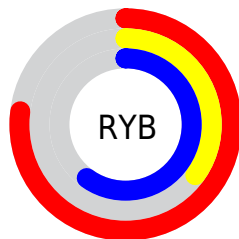
Distribution



Red (77%)

Green (35%)

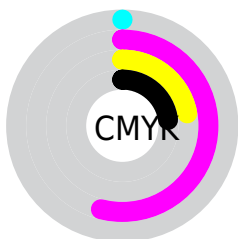
Blue (60%)



Red (77%)

Yellow (35%)

Blue (60%)

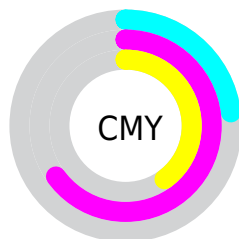


Cyan (0%)

Magenta (54%)

Yellow (22%)

Black (23%)



Cyan (23%)


Magenta (65%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.8760, 11.8931, 58.8677 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 128.8760, 11.8931, 58.8677 by changing the saturation by 10% instead.


 128.8760, 11.8931,
58.8677


 128.8760, 11.8931,
58.8677


255.0000, 0.0000,
0.0000


 101.3920, 12.6247,
57.5382


 184.3710, 11.1561,
61.9416

 73.7340, 13.9351,
57.2383


 204.1130, 15.7203,
44.6279


 42.3800, 17.5607,
61.0567

 222.7150, 15.9165,
28.3139

 31.6850, 11.4943,
46.7573

 239.7380, 7.5242,
13.3848

 21.8160, 6.0067,
33.4874

 10.7790, -1.3700,
19.4878

 0.0000, 0.0000,

0.0000

■ 128.8760, 11.8931,
58.8677

■ 128.8760, 11.8931,
58.8677

■ 116.2240, 14.1866,
69.9636

■ 141.5280, 9.5997,
47.7719

■ 104.1590, 16.1906,
80.5446

■ 153.5930, 7.5957,
37.1909

■ 91.5070, 18.4840,
91.6404

■ 166.2450, 5.3022,
26.0951

■ 79.4420, 20.4881,
102.2214

■ 178.3100, 3.2982,
15.5141

■ 71.8280, 21.7768,
108.8988

■ 190.9620, 1.0047,
4.4183

■ 203.6140, -1.2887,
-6.6775

■ 215.6790, -3.2927,
-17.2585

■ 228.3310, -5.5862,
-28.3543

■ 233.9390, -4.4069,
-33.2725

Harmonies

Analogous

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



131.6400, 29.7575, 22.2407



128.8760, 11.8931, 58.8677



125.8720, -8.8109, 72.9033

Triad

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



128.8760, 11.8931, 58.8677



120.3010, -43.5324, 9.3830



107.1340, 39.8669, -93.9565

Complementary

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



128.8760, 11.8931, 58.8677



157.1240, -11.8931, -58.8677

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.



104.3350, 21.5268, -91.5018



128.8760, 11.8931, 58.8677



114.4130, -26.8256, -29.3032

Square

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



128.8760, 11.8931, 58.8677



123.7270, -42.7564, 40.5814



97.8030, 1.5761, -85.7732



105.8750, 52.8126, -92.8524

Rectangle

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



128.8760, 11.8931, 58.8677



125.2940, -22.3299, 69.0252



97.8030, 1.5761, -85.7732



106.9400, 34.0466, -93.7864

Sweetspot

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



128.8760, 11.8931, 58.8677



228.9950, 4.4395, 22.8064



114.6420, 40.1095, 15.2230



112.1850, 2.8668, 13.8698



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



128.8760, 11.8931, 58.8677



149.9200, 18.7734, 92.1552



122.9480, -10.8204, 64.0666



90.6740, 1.1467, 5.5479



58.9690, 17.7633, 89.4812



12.1470, 3.8715, 18.2881

Inverse Universe

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



128.8760, 11.8931, 58.8677



149.9200, 18.7734, 92.1552



163.0520, 10.8204, -64.0666



90.6740, 1.1467, 5.5479



58.9690, 17.7633, 89.4812



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 128.8760, 11.8931, 58.8677 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 128.8760, 11.8931, 58.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

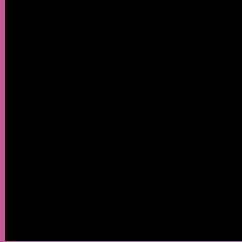
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.8760, 11.8931, 58.8677

Background



This preview shows how black text looks on a background with the YUV color 128.8760, 11.8931, 58.8677.



This preview shows how white text looks on a background with the YUV color 128.8760, 11.8931,

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

128.8760, 11.8931, 58.8677

Protanopia

127.8560, 25.2140, -13.9057

Deuteranopia

129.3020, 8.7251, 1.4891



Tritanopia

128.3060, -10.5039, 55.8596

Trichromacy



Original Color

128.8760, 11.8931, 58.8677

Protanomaly

128.4680, 20.4753, 12.7446

Deuteranomaly

129.0750, 9.8230, 22.7362

Tritanomaly

128.1950, -2.0681, 56.8340

Monochromacy



Original Color

128.8760, 11.8931, 58.8677

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9840, 4.4449, 21.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8760, 11.8931, 58.8677 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(196, 90, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 90, 153)  
}
```

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(196, 90, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 90, 153) }
```

Border

The CSS property to change the border of an element to YUV 128.8760, 11.8931, 58.8677 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(196, 90, 153) }
```


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

```
.border{ border-color:rgb(196, 90, 153) }
```

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

Here you see how a box with a 4 pixel rgb(196, 90, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 90, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 90, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 90,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 128.8760, 11.8931, 58.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 90, 153) }
```

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

```
.background{ background-color: rgb(196, 90,  
153) }
```

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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