

Converting Colors

YUV(56.8590, 14.3665, 58.8827)

Have a look what the booklet for
YUV(56.8590, 14.3665, 58.8827)
contains.

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Color

**YUV(56.8590, 14.3665,
58.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1156
RGB	124, 17, 86
RGB Percent	49%, 7%, 34%
CMY	0.5137, 0.9333, 0.6627
CMYK	0.00, 0.86, 0.31, 0.51
HSL	321°, 76%, 28%
HSV	321°, 86%, 49%
XYZ	10.1923, 5.3579, 9.3011
YIQ	56.8590, 41.6230, 44.1430

Conversions

Conversions Part 2

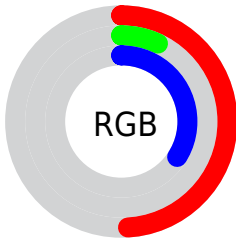
Format	Color
R_{YB}	124, 17, 86
Decimal	8130902
CIE _{Lab}	27.73, 49.05, -12.68
CIE _{LCh}	28, 50.664, 345.502
Yxy	5.3579, 0.4101, 0.2156
Android (android.graphics.Color)	4286320982 (0xFF7C1156)
YUV	56.8590, 14.3665, 58.8827
Hunter-Lab	23.1471, 38.0915, -7.6213

Details

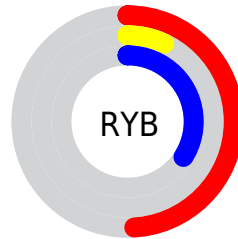
The YUV color **56.8590, 14.3665, 58.8827** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **84.1410, -14.3665, -58.8827**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9360, 10.8776, 57.9381**, and **25.6040, 7.5902, 38.9353** is the 20% darker color. If you saturate the color by 10%, you get **49.3590, 16.0920, 65.4602**, and if you desaturate by 10%, it is **64.3590, 12.6410, 52.3052**.

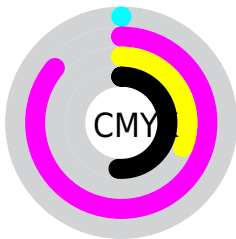
Distribution



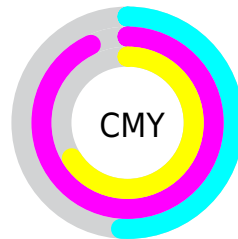
- Red (49%)
- Green (7%)
- Blue (34%)



- Red (49%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (86%)
- Yellow (31%)
- Black (51%)



- Cyan (51%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.8590, 14.3665, 58.8827 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 56.8590, 14.3665, 58.8827 by changing the saturation by 10% instead.

■ 56.8590, 14.3665,
58.8827

■ 56.8590, 14.3665,
58.8827

255.0000, 0.0000,
0.0000

■ 36.1850, 13.2198,
53.3348

■ 113.9360, 10.8776,
57.9381

■ 25.6040, 7.5902,
38.9353

■ 140.8330, 10.4353,
59.7825

■ 16.3330, 1.8078,
26.8950

■ 168.4310, 10.1405,
61.0120


■ 0.0000, 0.0000,
0.0000


■ 192.5550, 12.0514,
54.7643


■ 212.1830, 16.1788,
37.5505


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 56.8590, 14.3665,
58.8827

 56.8590, 14.3665,
58.8827


 49.3590, 16.0920,
65.4602


 64.3590, 12.6410,
52.3052

 46.1960, 16.6654,
68.2341

 72.5600, 11.0629,
45.1129

 80.0600, 9.3374,
38.5354

 88.2610, 7.7593,
31.3431

 95.7610, 6.0338,
24.7656

■ 103.2610, 4.3083,
18.1881

■ 111.4620, 2.7302,
10.9958

■ 118.9620, 1.0047,
4.4183

■ 127.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



66.8310, 26.7053, 21.1962



56.8590, 14.3665, 58.8827



51.2830, -2.1115, 70.7888

Triad

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



56.8590, 14.3665, 58.8827



59.9270, -29.5440, 2.6950



61.3410, 29.4119, -53.7961

Complementary

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



56.8590, 14.3665, 58.8827



84.1410, -14.3665, -58.8827

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.



57.8240, 13.3978, -50.7116



56.8590, 14.3665, 58.8827



45.7970, -22.5779, -38.4100

Square

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



56.8590, 14.3665, 58.8827



62.4620, -30.7938, 30.2898



52.5630, -4.2216, -46.0978



60.8000, 40.0316, -53.3216

Rectangle

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



56.8590, 14.3665, 58.8827



56.6180, -17.0667, 60.8480



52.5630, -4.2216, -46.0978



60.6740, 24.3177, -53.2111

Sweetspot

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



56.8590, 14.3665, 58.8827



134.6360, 5.6025, 23.1212



40.2610, 41.2833, 12.0491



65.7120, 3.5930, 14.2846



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



56.8590, 14.3665, 58.8827



59.9950, 21.6945, 88.5814



50.8170, -8.7838, 64.1815



57.2500, 0.8628, 3.2887



46.6090, 16.9548, 68.7489



93.9300, 34.0515, 138.6274

Inverse Universe

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



56.8590, 14.3665, 58.8827



59.9950, 21.6945, 88.5814



90.1830, 8.7838, -64.1815



57.2500, 0.8628, 3.2887



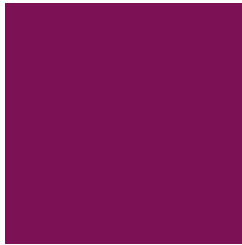
46.6090, 16.9548, 68.7489



93.9300, 34.0515, 138.6274

Previews

White Background



This preview shows how the YUV color 56.8590, 14.3665, 58.8827 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

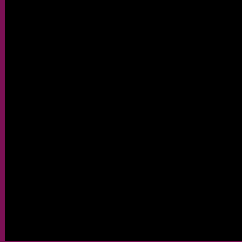
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.8590, 14.3665, 58.8827

Background



This preview shows how black text looks on a background with the YUV color 56.8590, 14.3665, 58.8827.



This preview shows how white text looks on a background with the YUV color 56.8590, 14.3665,

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

56.8590, 14.3665, 58.8827

Protanopia

65.2790, 26.9775, -19.5387

Deuteranopia

68.1940, 5.8204, -0.1701



Tritanopia

62.2300, -11.9454, 51.5413

Trichromacy



Original Color

56.8590, 14.3665, 58.8827

Protanomaly

62.0160, 22.6701, 8.7560

Deuteranomaly

63.8360, 8.9549, 21.1918

Tritanomaly

60.3580, -2.6415, 54.0600

Monochromacy



Original Color

56.8590, 14.3665, 58.8827

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6250, 5.6079, 21.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.8590, 14.3665, 58.8827 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(124, 17, 86)` looks like.

```
.text, #text, p{  
    color:rgb(124, 17, 86)  
}
```

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(124, 17, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 17, 86) }
```

Border

The CSS property to change the border of an element to YUV 56.8590, 14.3665, 58.8827 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(124, 17, 86) }
```


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

```
.border{ border-color:rgb(124, 17, 86) }
```

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

Here you see how a box with a 4 pixel rgb(124, 17, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 17, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 17, 86);  
box-shadow:4px 4px 4px 4px rgb(124, 17,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 56.8590, 14.3665, 58.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 17, 86) }
```

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

```
.background{ background-color: rgb(124, 17,  
86) }
```

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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