

Converting Colors

YUV(52.8890, 11.8867, 14.1293)

Have a look what the booklet for
YUV(52.8890, 11.8867, 14.1293)
contains.

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Color

**YUV(52.8890, 11.8867,
14.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	45284D
RGB	69, 40, 77
RGB Percent	27%, 16%, 30%
CMY	0.7294, 0.8431, 0.6980
CMYK	0.10, 0.48, 0.00, 0.70
HSL	287°, 32%, 23%
HSV	287°, 48%, 30%
XYZ	4.5526, 3.3186, 7.4218
YIQ	52.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

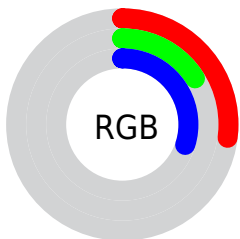
Format	Color
R_{YB}	69, 40, 77
Decimal	4532301
CIE _{Lab}	21.28, 20.91, -17.43
CIE _{LCh}	21, 27.217, 320.185
Yxy	3.3186, 0.2977, 0.2170
Android (android.graphics.Color)	4282722381 (0xFF45284D)
YUV	52.8890, 11.8867, 14.1293
Hunter-Lab	18.2171, 12.7287, -11.4033




Details

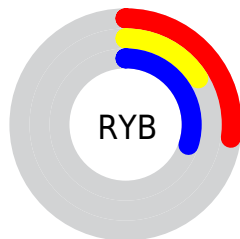
The YUV color **52.8890, 11.8867, 14.1293** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.1110, -11.8867, -14.1293**, and the grayscale version is **53.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **100.1280, 12.7549, 15.6737**, and **12.1340, 10.2869, 13.9145** is the 20% darker color. If you saturate the color by 10%, you get **47.5950, 14.4967, 17.0182**, and if you desaturate by 10%, it is **58.1830, 9.2768, 11.2405**.

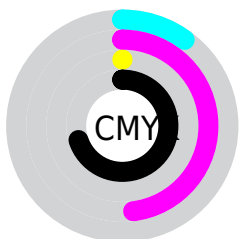
Distribution







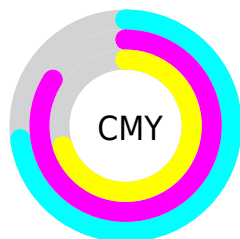
-  Red (27%)
-  Green (16%)
-  Blue (30%)






-  Red (27%)
-  Yellow (16%)
-  Blue (30%)



-  Cyan (10%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (73%)
-  Magenta (84%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8890, 11.8867, 14.1293 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 52.8890, 11.8867, 14.1293 by changing the saturation by 10% instead.

■ 52.8890, 11.8867,
14.1293

■ 52.8890, 11.8867,
14.1293

■ 255.0000, 0.0000,
0.0000

■ 31.0630, 11.3079,
13.0997

■ 100.1280, 12.7549,
15.6737

■ 12.1340, 10.2869,
13.9145

■ 125.5410, 13.0443,
16.1885

■ 0.6840, 2.6208,
-0.5999

■ 151.3670, 13.6231,
17.2181

■ 0.0000, 0.0000,
0.0000

■ 178.4810, 14.0599,
17.1182

■ 206.1930, 14.2019,
18.2477

■ 233.2810, 10.7075,

19.0476

249.7170, 2.6045,
4.6332

52.8890, 11.8867,
14.1293

52.8890, 11.8867,
14.1293

47.5950, 14.4967,
17.0182

58.1830, 9.2768,
11.2405

43.1870, 16.6698,
20.0070

62.5910, 7.1036,
8.2517

37.8930, 19.2798,
22.8958

67.8850, 4.4937,
5.3629

32.5990, 21.8897,
25.7847

73.1790, 1.8838,
2.4740

28.1910, 24.0628,
28.7735

77.5870, -0.2894,
-0.5148

■ 26.7180, 24.7890,
29.1883

■ 82.8810, -2.8993,
-3.4036

■ 88.1750, -5.5093,
-6.2925

■ 93.1700, -7.9718,
-9.7961

■ 97.8770, -10.2924,
-12.1701

Harmonies

Analogous

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



50.2820, 19.0880, -9.0173



52.8890, 11.8867, 14.1293



51.2130, 3.8390, 28.7542

Triad

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



52.8890, 11.8867, 14.1293



49.1210, -20.2727, 15.6799



43.1030, 10.3022, -37.8013

Complementary

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



52.8890, 11.8867, 14.1293



64.1110, -11.8867, -14.1293

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.



40.2360, 1.8557, -35.2870



52.8890, 11.8867, 14.1293



47.4890, -18.4821, 1.3251

Square

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



52.8890, 11.8867, 14.1293



50.0930, -14.3428, 27.1054



43.9580, -9.8393, -17.5032



43.9810, 18.7434, -38.5713

Rectangle

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



52.8890, 11.8867, 14.1293



50.8130, -2.8658, 32.6130



43.9580, -9.8393, -17.5032



42.4190, 7.6814, -37.2015

Sweetspot

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



52.8890, 11.8867, 14.1293



90.4720, 4.2043, 4.8481



48.9140, 13.8464, -7.8176



45.1190, 2.8993, 3.4036



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



52.8890, 11.8867, 14.1293



61.9530, 18.2642, 21.9662



54.1410, 6.3395, 20.0473



35.3530, 1.3050, 1.4444



35.5480, 32.7608, 38.9844



80.0400, 73.9303, 87.6649

Inverse Universe

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



51.9750, -1.9597, 21.9469



60.4110, -3.1606, 33.8426



62.8590, -6.3395, -20.0473



35.3100, -0.1528, 2.3591



33.0060, -5.4260, 60.5077



74.4700, -12.0637, 136.3998

Previews

White Background



This preview shows how the YUV color 52.8890, 11.8867, 14.1293 looks on a white background.

Color Contrast Check

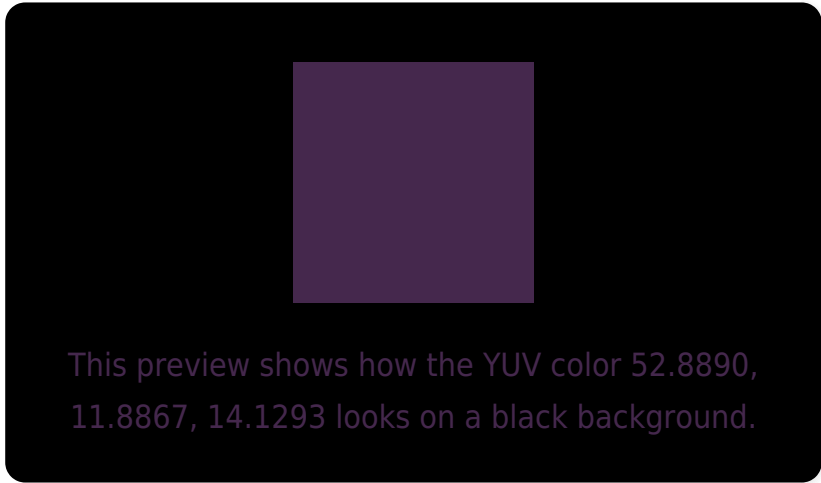
Large Text (above 18pt) WCAG AA ✓ Pass

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

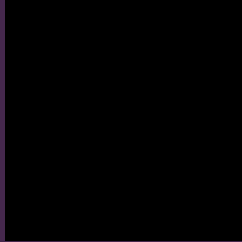
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8890, 11.8867, 14.1293

Background



This preview shows how black text looks on a background with the YUV color 52.8890, 11.8867, 14.1293.



This preview shows how white text looks on a background with the YUV color 52.8890, 11.8867,

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

52.8890, 11.8867, 14.1293

Protanopia

50.2170, 17.6410, -11.5913

Deuteranopia

51.0450, 11.8098, -7.9325



Tritanopia

52.1370, -1.0535, 11.2809

Trichromacy



Original Color

52.8890, 11.8867, 14.1293

Protanomaly

51.1150, 15.7193, -1.8549

Deuteranomaly

51.8010, 11.9301, 0.1745

Tritanomaly

52.4020, 3.7458, 11.9254

Monochromacy



Original Color

52.8890, 11.8867, 14.1293

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8890, 11.8867, 14.1293 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(69, 40, 77)` looks like.

```
.text, #text, p{  
    color:rgb(69, 40, 77)  
}
```

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(69, 40, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 40, 77) }
```

Border

The CSS property to change the border of an element to YUV 52.8890, 11.8867, 14.1293 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(69, 40, 77) }
```


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

```
.border{ border-color:rgb(69, 40, 77) }
```

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

Here you see how a box with a 4 pixel rgb(69, 40, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 40, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 40, 77);  
box-shadow:4px 4px 4px 4px rgb(69, 40, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8890, 11.8867, 14.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 40, 77) }
```

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

```
.background{ background-color: rgb(69, 40,  
77) }
```

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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