

Converting Colors

YUV(47.5780, 7.1100, 52.9901)

Have a look what the booklet for
YUV(47.5780, 7.1100, 52.9901)
contains.

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Color

**YUV(47.5780, 7.1100,
52.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	6C0E3E
RGB	108, 14, 62
RGB Percent	42%, 5%, 24%
CMY	0.5765, 0.9451, 0.7569
CMYK	0.00, 0.87, 0.43, 0.58
HSL	329°, 77%, 24%
HSV	329°, 87%, 42%
XYZ	7.2109, 3.8500, 4.9205
YIQ	47.5780, 40.6160, 34.8560

Conversions

Conversions Part 2

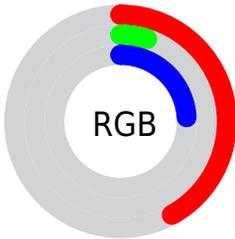
Format	Color
R_{YB}	108, 14, 62
Decimal	7081534
CIE Lab	23.17, 42.83, -3.70
CIE LCh	23, 42.994, 355.056
Yxy	3.8500, 0.4512, 0.2409
Android (android.graphics.Color)	4285271614 (0xFF6C0E3E)
YUV	47.5780, 7.1100, 52.9901
Hunter-Lab	19.6215, 31.2611, -1.1332

Details

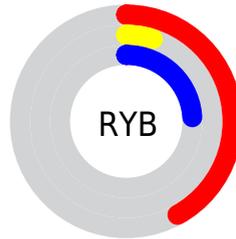
The YUV color **47.5780, 7.1100, 52.9901** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **74.4220, -7.1100, -52.9901**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2530, 3.3263, 53.2751**, and **19.0240, 0.4812, 32.4280** is the 20% darker color. If you saturate the color by 10%, you get **40.5510, 8.1094, 59.1528**, and if you desaturate by 10%, it is **54.6050, 6.1107, 46.8274**.

Distribution



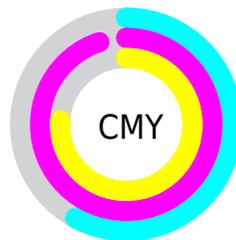
- Red (42%)
- Green (5%)
- Blue (24%)



- Red (42%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (87%)
- Yellow (43%)
- Black (58%)



- Cyan (58%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5780, 7.1100, 52.9901 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 47.5780, 7.1100, 52.9901 by changing the saturation by 10% instead.

47.5780, 7.1100,
52.9901

47.5780, 7.1100,
52.9901

255.0000, 0.0000,
0.0000

28.7790, 5.5320,
45.7978

102.2530, 3.3263,
53.2751

19.0240, 0.4812,
32.4280

129.1500, 2.8841,
55.1195

7.8880, -3.3958,
15.8842

156.0470, 2.4418,
56.9638

0.0000, 0.0000,
0.0000

183.6450, 2.1470,
58.1933

204.1810, 5.8268,
44.5683

223.8090, 9.9542,

27.3545

 242.0860, 6.3666,
11.3256

 47.5780, 7.1100,
52.9901

 47.5780, 7.1100,
52.9901

 40.5510, 8.1094,
59.1528

 54.6050, 6.1107,
46.8274

 38.5620, 8.1039,
60.8971

 61.7460, 5.5482,
40.5648

 68.1860, 4.8383,
34.9169

 75.2130, 3.8390,
28.7542

 82.2400, 2.8397,
22.5915

■ 89.3810, 2.2772,
16.3289

■ 96.4080, 1.2779,
10.1662

■ 102.8480, 0.5679,
4.5183

■ 109.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



55.1110, 18.6793, 28.8437



47.5780, 7.1100, 52.9901



47.7510, -8.7512, 53.7154

Triad

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



47.5780, 7.1100, 52.9901



48.9630, -24.1388, -4.3526



51.6410, 27.7850, -45.2892

Complementary

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



47.5780, 7.1100, 52.9901



74.4220, -7.1100, -52.9901

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.



49.8510, 15.8495, -43.7193



47.5780, 7.1100, 52.9901



40.3380, -12.9846, -35.3764

Square

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



47.5780, 7.1100, 52.9901



52.3510, -25.8090, 18.1092



46.0890, 1.4351, -40.4201



49.4870, 34.7629, -43.4001

Rectangle

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



47.5780, 7.1100, 52.9901



50.1940, -20.8016, 45.4339



46.0890, 1.4351, -40.4201



51.3160, 24.0012, -45.0041

Sweetspot

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



47.5780, 7.1100, 52.9901



116.8160, 2.5557, 20.3324



38.1710, 34.4257, 18.2670



56.9460, 1.9986, 12.3254



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



47.5780, 7.1100, 52.9901



50.0680, 10.8125, 78.8704



42.3340, -12.9827, 57.5891



50.1360, 0.4260, 3.3887



41.8230, 8.9613, 65.9302



87.5050, 18.4850, 138.1231

Inverse Universe

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



47.5780, 7.1100, 52.9901



50.0680, 10.8125, 78.8704



79.6660, 12.9827, -57.5891



50.1360, 0.4260, 3.3887



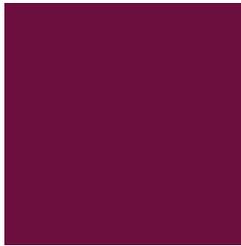
41.8230, 8.9613, 65.9302



87.5050, 18.4850, 138.1231

Previews

White Background



This preview shows how the YUV color 47.5780, 7.1100, 52.9901 looks on a white background.

Color Contrast Check

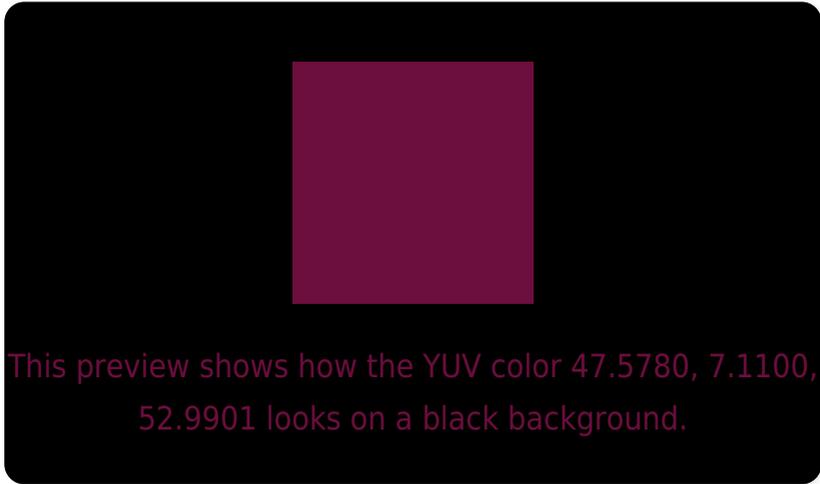
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5780, 7.1100, 52.9901

Background



This preview shows how black text looks on a background with the YUV color 47.5780, 7.1100, 52.9901.



This preview shows how white text looks on a background with the YUV color 47.5780, 7.1100,

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

47.5780, 7.1100, 52.9901

Protanopia

57.4300, 14.5780, -9.1471

Deuteranopia

58.3210, -0.1583, 4.1035



Tritanopia

50.7350, -11.2084, 48.4674

Trichromacy



Original Color

47.5780, 7.1100, 52.9901

Protanomaly

53.5900, 12.0341, 13.5146

Deuteranomaly

54.4140, 2.2609, 21.5619

Tritanomaly

49.4670, -4.6672, 50.4564

Monochromacy



Original Color

47.5780, 7.1100, 52.9901

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1040, 2.4137, 19.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5780, 7.1100, 52.9901 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(108, 14, 62)` looks like.

```
.text, #text, p{  
    color:rgb(108, 14, 62)  
}
```

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(108, 14, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 14, 62) }
```

Border

The CSS property to change the border of an element to YUV 47.5780, 7.1100, 52.9901 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(108, 14, 62) }
```

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

```
.border{ border-color:rgb(108, 14, 62) }
```

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

Here you see how a box with a 4 pixel rgb(108, 14, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 14, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 14, 62);  
box-shadow:4px 4px 4px 4px rgb(108, 14,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 47.5780, 7.1100, 52.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 14, 62) }
```

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

```
.background{ background-color: rgb(108, 14,  
62) }
```

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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