

Converting Colors

YUV(50.7780, 10.4624, 51.0607)

Have a look what the booklet for
YUV(50.7780, 10.4624, 51.0607)
contains.

YUV(50.7780, 10.4624, 51.0607)	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>	31

Color

**YUV(50.7780, 10.4624,
51.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	6D1148
RGB	109, 17, 72
RGB Percent	43%, 7%, 28%
CMY	0.5725, 0.9333, 0.7176
CMYK	0.00, 0.84, 0.34, 0.57
HSL	324°, 73%, 25%
HSV	324°, 84%, 43%
XYZ	7.6768, 4.1200, 6.5215
YIQ	50.7780, 37.1770, 36.6090

Conversions

Conversions Part 2

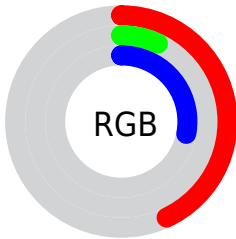
Format	Color
R_{YB}	109, 17, 72
Decimal	7147848
CIE _{Lab}	24.06, 43.44, -9.18
CIE _{LCh}	24, 44.399, 348.074
Yxy	4.1200, 0.4191, 0.2249
Android (android.graphics.Color)	4285337928 (0xFF6D1148)
YUV	50.7780, 10.4624, 51.0607
Hunter-Lab	20.2978, 31.9895, -4.8410

Details

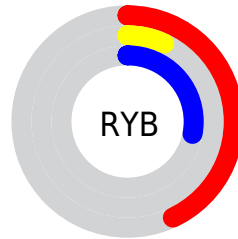
The YUV color **50.7780, 10.4624, 51.0607** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.2220, -10.4624, -51.0607**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9800, 7.4049, 51.7605**, and **20.3490, 4.2649, 32.1429** is the 20% darker color. If you saturate the color by 10%, you get **43.8650, 11.8986, 57.1234**, and if you desaturate by 10%, it is **57.6910, 9.0263, 44.9980**.

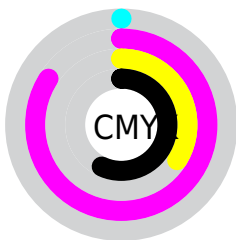
Distribution



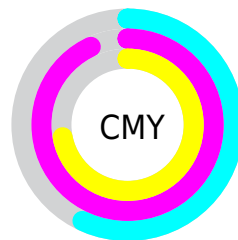
- Red (43%)
- Green (7%)
- Blue (28%)



- Red (43%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (84%)
- Yellow (34%)
- Black (57%)



- Cyan (57%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.7780, 10.4624, 51.0607 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 50.7780, 10.4624, 51.0607 by changing the saturation by 10% instead.

■ 50.7780, 10.4624,
51.0607

■ 50.7780, 10.4624,
51.0607

255.0000, 0.0000,
0.0000

■ 30.5170, 9.6051,
46.0276

■ 104.9800, 7.4049,
51.7605

■ 20.3490, 4.2649,
32.1429

■ 131.5780, 7.1100,
52.9901

■ 9.6820, -4.2802,
19.5729

■ 158.5890, 7.1046,
54.7344

■ 0.0000, 0.0000,
0.0000


■ 186.4860, 6.6624,
56.5788


■ 207.3100, 10.2002,
41.8241


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 50.7780, 10.4624,
51.0607


 50.7780, 10.4624,
51.0607


 43.8650, 11.8986,
57.1234

 57.6910, 9.0263,
44.9980

 40.0010, 12.3245,
60.5121

 64.7180, 8.0270,
38.8353

 71.6310, 6.5909,
32.7726

 78.6580, 5.5916,
26.6099

 84.9840, 4.4449,
21.0620

■ 91.8970, 3.0088,
14.9993

■ 98.9240, 2.0095,
8.8367

■ 105.8370, 0.5734,
2.7740

■ 112.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



58.1640, 21.6111, 21.7812



50.7780, 10.4624, 51.0607



47.9240, -4.3995, 57.9487

Triad

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



50.7780, 10.4624, 51.0607



52.2410, -25.7548, 0.6656



53.2880, 26.4800, -46.7336

Complementary

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



50.7780, 10.4624, 51.0607



75.2220, -10.4624, -51.0607

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.



51.0420, 12.7973, -44.7638



50.7780, 10.4624, 51.0607



40.4860, -17.4946, -35.5062

Square

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



50.7780, 10.4624, 51.0607



54.4550, -26.8463, 24.1570



46.4650, -2.2012, -40.7498



52.1770, 34.9157, -45.7592

Rectangle

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



50.7780, 10.4624, 51.0607



50.9650, -16.7447, 50.8967



46.4650, -2.2012, -40.7498



52.8490, 22.2594, -46.3486

Sweetspot

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



50.7780, 10.4624, 51.0607



120.1580, 3.8661, 20.0324



38.5510, 34.7314, 13.5488



57.7610, 2.5828, 11.6106



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.



50.7780, 10.4624, 51.0607



52.4470, 16.0486, 79.4150



45.5340, -9.6303, 55.6597



50.1360, 0.4260, 3.3887



42.9630, 13.3292, 64.9304



89.8990, 27.6578, 136.0236

Inverse Universe

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



50.7780, 10.4624, 51.0607



52.4470, 16.0486, 79.4150



80.4660, 9.6303, -55.6597



50.1360, 0.4260, 3.3887



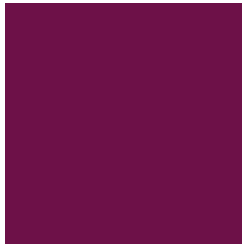
42.9630, 13.3292, 64.9304



89.8990, 27.6578, 136.0236

Previews

White Background



This preview shows how the YUV color 50.7780, 10.4624, 51.0607 looks on a white background.

Color Contrast Check

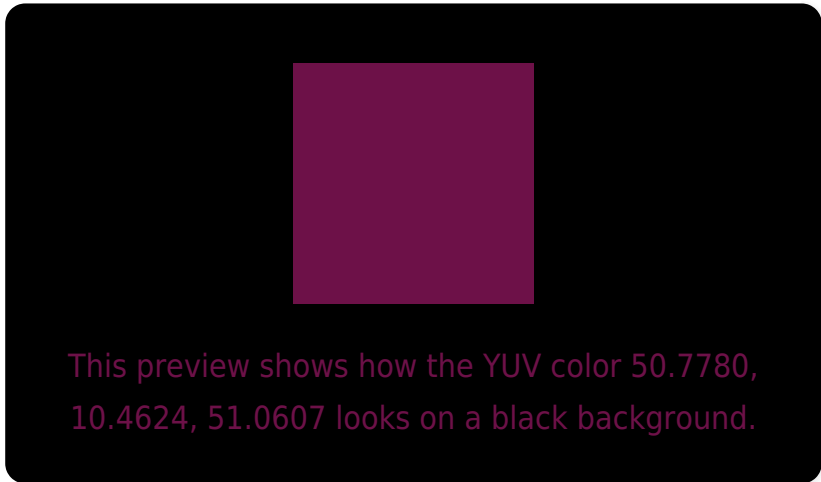
Large Text (above 18pt) WCAG AA ✓ Pass

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

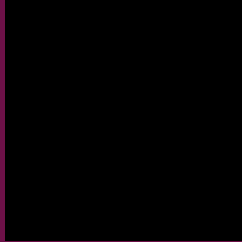
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.7780, 10.4624, 51.0607

Background



This preview shows how black text looks on a background with the YUV color 50.7780, 10.4624, 51.0607.



This preview shows how white text looks on a background with the YUV color 50.7780, 10.4624,

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

50.7780, 10.4624, 51.0607

Protanopia

58.0040, 20.7040, -14.0355

Deuteranopia

59.9230, 3.4890, 0.9445



Tritanopia

54.2400, -10.4713, 45.3935

Trichromacy



Original Color

50.7780, 10.4624, 51.0607

Protanomaly

55.2350, 17.1391, 9.4409

Deuteranomaly

56.4290, 6.1975, 18.9178

Tritanomaly

53.2000, -3.0566, 47.1826

Monochromacy



Original Color

50.7780, 10.4624, 51.0607

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.7780, 10.4624, 51.0607 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(109, 17, 72)` looks like.

```
.text, #text, p{  
    color:rgb(109, 17, 72)  
}
```

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(109, 17, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 17, 72) }
```

Border

The CSS property to change the border of an element to YUV 50.7780, 10.4624, 51.0607 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(109, 17, 72) }
```


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

```
.border{ border-color:rgb(109, 17, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 17, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 17, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 17, 72);  
box-shadow:4px 4px 4px 4px rgb(109, 17,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 50.7780, 10.4624, 51.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 17, 72) }
```

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

```
.background{ background-color: rgb(109, 17,  
72) }
```

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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