

Converting Colors

YUV(52.2780, 32.4009, 61.1462)

Have a look what the booklet for
YUV(52.2780, 32.4009, 61.1462)
contains.

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Color

**YUV(52.2780, 32.4009,
61.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0476
RGB	122, 4, 118
RGB Percent	48%, 2%, 46%
CMY	0.5216, 0.9843, 0.5373
CMYK	0.00, 0.97, 0.03, 0.52
HSL	302°, 94%, 25%
HSV	302°, 97%, 48%
XYZ	11.3395, 5.5324, 17.6097
YIQ	52.2780, 33.7340, 60.4700

Conversions

Conversions Part 2

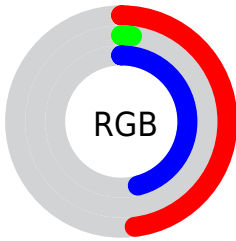
Format	Color
R_{YB}	122, 4, 118
Decimal	7996534
CIE _{Lab}	28.20, 55.62, -32.76
CIE _{LCh}	28, 64.553, 329.504
Yxy	5.5324, 0.3289, 0.1604
Android (android.graphics.Color)	4286186614 (0xFF7A0476)
YUV	52.2780, 32.4009, 61.1462
Hunter-Lab	23.5211, 44.8926, -27.9244

Details

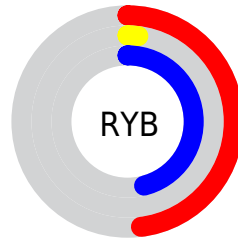
The YUV color **52.2780, 32.4009, 61.1462** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **73.7220, -32.4009, -61.1462**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9800, 27.6179, 55.2685**, and **28.4970, 19.9680, 35.5211** is the 20% darker color. If you saturate the color by 10%, you get **49.9300, 33.5585, 63.2054**, and if you desaturate by 10%, it is **59.3220, 28.9283, 54.9686**.

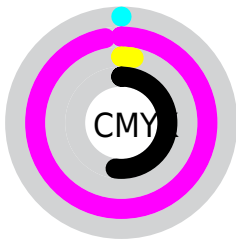
Distribution



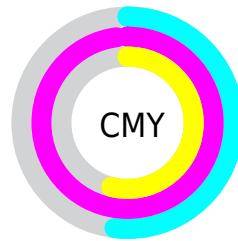
- Red (48%)
- Green (2%)
- Blue (46%)



- Red (48%)
- Yellow (2%)
- Blue (46%)



- Cyan (0%)
- Magenta (97%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2780, 32.4009, 61.1462 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 52.2780, 32.4009, 61.1462 by changing the saturation by 10% instead.

■ 52.2780, 32.4009,
61.1462

■ 52.2780, 32.4009,
61.1462

■ 255.0000, 0.0000,
0.0000

■ 39.0070, 26.6185,
49.1059

■ 114.9800, 27.6179,
55.2685

■ 28.4970, 19.9680,
35.5211

■ 142.2790, 27.4705,
55.8833

■ 18.6990, 13.4594,
23.0660

■ 170.2900, 27.4650,
57.6277

■ 2.7360, 10.4832,
-2.3995


■ 195.7130, 29.2285,
51.9947


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 21.1255,
37.5803


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 52.2780, 32.4009,
61.1462


 52.2780, 32.4009,
61.1462


 49.9300, 33.5585,
63.2054

 59.3220, 28.9283,
54.9686

 66.4800, 25.8924,
48.6910

 74.1110, 22.1303,
41.9987

 81.2690, 19.0944,
35.7211

 88.3130, 15.6217,
29.5435

■ 95.3570, 12.1490,
23.3659

■ 102.5150, 9.1131,
17.0883

■ 110.1460, 5.3510,
10.3960

■ 117.3040, 2.3151,
4.1184

Harmonies

Analogous

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



62.8340, 45.4378, -13.8864



52.2780, 32.4009, 61.1462



51.9330, 8.9070, 83.3738

Triad

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



52.2780, 32.4009, 61.1462



62.9720, -31.0452, 17.5646



63.5920, 25.3441, -55.7702

Complementary

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



52.2780, 32.4009, 61.1462



73.7220, -32.4009, -61.1462

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.



57.1910, 3.3568, -50.1565



52.2780, 32.4009, 61.1462



54.4680, -26.8527, -20.5814

Square

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



52.2780, 32.4009, 61.1462



59.9470, -29.5539, 52.6665



49.2910, -21.8355, -43.2282



66.7500, 42.5213, -58.5397

Rectangle

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



52.2780, 32.4009, 61.1462



48.4700, -5.6547, 87.2878



49.2910, -21.8355, -43.2282



61.7680, 18.3554, -54.1705

Sweetspot

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



52.2780, 32.4009, 61.1462



130.8840, 12.8752, 23.7807



18.6480, 50.9525, -9.3383



62.4500, 7.6662, 14.5144



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



52.2780, 32.4009, 61.1462



64.6840, 43.5398, 81.8381



45.5520, 6.6299, 67.0449



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.1640, 69.4321, 130.5292

Inverse Universe

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



52.2780, 32.4009, 61.1462



64.6840, 43.5398, 81.8381



80.4480, -6.6299, -67.0449



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.1640, 69.4321, 130.5292

Previews

White Background



This preview shows how the YUV color 52.2780, 32.4009, 61.1462 looks on a white background.

Color Contrast Check

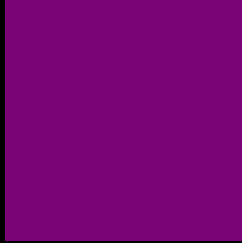
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 52.2780, 32.4009, 61.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

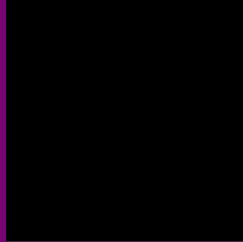
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2780, 32.4009, 61.1462

Background



This preview shows how black text looks on a background with the YUV color 52.2780, 32.4009, 61.1462.



This preview shows how white text looks on a background with the YUV color 52.2780, 32.4009,

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

52.2780, 32.4009, 61.1462

Deuteranopia

67.4980, 21.4465, -18.8537

Tritanopia

66.9730, -8.8607, 42.1197

Trichromacy



Original Color

52.2780, 32.4009, 61.1462

Deuteranomaly

62.1240, 25.5749, 10.4153

Tritanomaly

61.9150, 5.9579, 49.1865

Monochromacy



Original Color

52.2780, 32.4009, 61.1462

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2320, 11.7176, 21.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2780, 32.4009, 61.1462 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(122, 4, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 4, 118)  
}
```

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(122, 4, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 4, 118) }
```

Border

The CSS property to change the border of an element to YUV 52.2780, 32.4009, 61.1462 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(122, 4, 118) }
```

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

```
.border{ border-color:rgb(122, 4, 118) }
```

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

Here you see how a box with a 4 pixel rgb(122, 4, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 4, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 4, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 4,  
118) }
```


Background

The CSS property to change the background color of an element to YUV 52.2780, 32.4009, 61.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 4, 118) }
```

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

```
.background{ background-color: rgb(122, 4,  
118) }
```

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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