

Converting Colors

YUV(67.7380, 44.4992, 7.2458)

Have a look what the booklet for
YUV(67.7380, 44.4992, 7.2458)
contains.

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Color

**YUV(67.7380, 44.4992,
7.2458)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4C2E9E |
| RGB | 76, 46, 158 |
| RGB Percent | 30%, 18%, 62% |
| CMY | 0.7020, 0.8196, 0.3804 |
| CMYK | 0.52, 0.71, 0.00, 0.38 |
| HSL | 256°, 55%, 40% |
| HSV | 256°, 71%, 62% |
| XYZ | 10.1290, 5.9591, 32.9641 |
| YIQ | 67.7380, -18.0720, 41.1920 |

Conversions

Conversions Part 2

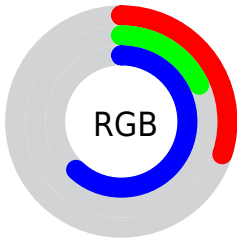
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 46, 158 |
| Decimal | 4992670 |
| CIE _{Lab} | 29.31, 41.76, -56.18 |
| CIE _{LCh} | 29, 69.994, 306.624 |
| Yxy | 5.9591, 0.2065, 0.1215 |
| Android (android.graphics.Color) | 4283182750 (0xFF4C2E9E) |
| YUV | 67.7380, 44.4992, 7.2458 |
| Hunter-Lab | 24.4113, 31.3457, -62.9751 |

Details

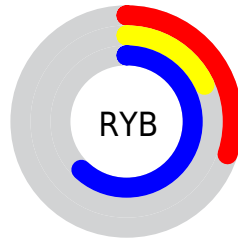
The YUV color **67.7380, 44.4992, 7.2458** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **136.2620, -44.4992, -7.2458**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0420, 46.8143, 11.3642**, and **13.1660, 45.2742, -8.0386** is the 20% darker color. If you saturate the color by 10%, you get **54.7580, 50.8983, 8.1052**, and if you desaturate by 10%, it is **80.7180, 38.1000, 6.3863**.

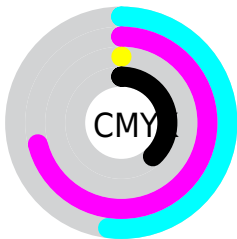
Distribution



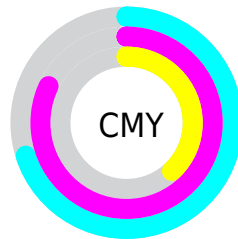
- Red (30%)
- Green (18%)
- Blue (62%)



- Red (30%)
- Yellow (18%)
- Blue (62%)



- Cyan (52%)
- Magenta (71%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7380, 44.4992, 7.2458 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 67.7380, 44.4992, 7.2458 by changing the saturation by 10% instead.

67.7380, 44.4992,
7.2458

67.7380, 44.4992,
7.2458

255.0000, 0.0000,
0.0000

41.6020, 44.0732,
3.8570

119.0420, 46.8143,
11.3642

13.1660, 45.2742,
-8.0386

146.1670, 47.2457,
13.0085

9.2340, 35.3806,
-8.0982

171.2830, 41.2725,
15.5378

9.3190, 23.0137,
-8.1728

195.8030, 29.1841,
19.4668

5.0500, 14.2723,
-4.4289

221.2090, 16.6590,
23.4957

0.9120, 3.4944,
-0.7998

239.7380, 7.5242,

0.0000, 0.0000,

13.3848

0.0000

■ 67.7380, 44.4992,
7.2458

■ 67.7380, 44.4992,
7.2458

■ 54.7580, 50.8983,
8.1052

■ 80.7180, 38.1000,
6.3863

■ 42.0770, 57.1500,
9.5795

■ 93.3990, 31.8483,
4.9121

■ 30.5700, 62.8230,
10.0241

■ 105.7920, 25.7385,
4.5674

■ 118.4730, 19.4868,
3.0932

■ 131.4530, 13.0877,
2.2337

■ 144.1340, 6.8359,
0.7595

■ 157.1140, 0.4368,
-0.1000

■ 169.5070, -5.6730,
-0.4446

■ 182.1880,
-11.9247, -1.9189

Harmonies

Analogous

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



63.9580, 57.2087, -56.0912



67.7380, 44.4992, 7.2458



54.4430, 28.8686, 74.1565

Triad

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



67.7380, 44.4992, 7.2458



63.4580, -31.2848, 47.8333



61.3630, 9.1880, -53.8154

Complementary

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



67.7380, 44.4992, 7.2458



136.2620, -44.4992, -7.2458

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.



53.3490, -16.4411, -46.7871



67.7380, 44.4992, 7.2458



64.1020, -31.6023, 9.5575

Square

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



67.7380, 44.4992, 7.2458



44.7080, -20.0690, 90.5871



48.1340, -23.7301, -42.2135



68.1060, 32.4857, -59.7290

Rectangle

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



67.7380, 44.4992, 7.2458



55.2370, 11.2222, 87.4922



48.1340, -23.7301, -42.2135



59.1970, 0.8889, -51.9158

Sweetspot

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



67.7380, 44.4992, 7.2458



171.6040, 17.4502, 2.9783



106.9020, 25.1913, -53.4111



83.1710, 10.7617, 1.6040



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



67.7380, 44.4992, 7.2458



65.1170, 69.9483, 11.2984



84.4820, 36.2444, 41.6733



72.5100, 3.1996, 0.4297



27.6640, 56.8606, 9.0647



2.9060, 5.9623, 0.9594

Inverse Universe

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



88.8360, 19.3079, 60.6568



98.3300, 30.4033, 95.3036



119.5180, -36.2444, -41.6733



74.0760, 1.4415, 4.3183



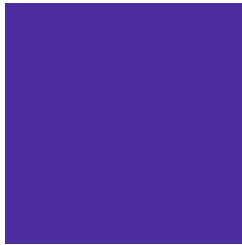
54.7270, 24.7846, 77.4154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 67.7380, 44.4992, 7.2458 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 67.7380, 44.4992, 7.2458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

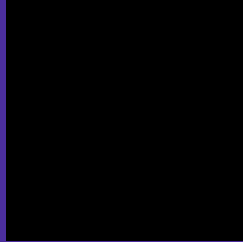
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7380, 44.4992, 7.2458

Background



This preview shows how black text looks on a background with the YUV color 67.7380, 44.4992, 7.2458.



This preview shows how white text looks on a background with the YUV color 67.7380, 44.4992,

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

67.7380, 44.4992, 7.2458

Protanopia

55.4030, 42.1993, -48.5884

Deuteranopia

55.5850, 32.7426, -48.7480



Tritanopia

67.1060, 5.8637, -14.1250

Trichromacy



Original Color

67.7380, 44.4992, 7.2458

Protanomaly

59.7630, 43.0078, -27.8562

Deuteranomaly

60.1560, 36.8981, -28.2008

Tritanomaly

67.2330, 20.0981, -6.3433

Monochromacy



Original Color

67.7380, 44.4992, 7.2458

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9630, 16.2872, 2.6634

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7380, 44.4992, 7.2458 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(76, 46, 158)` looks like.

```
.text, #text, p{  
    color:rgb(76, 46, 158)  
}
```

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(76, 46, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 46, 158) }
```

Border

The CSS property to change the border of an element to YUV 67.7380, 44.4992, 7.2458 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(76, 46, 158) }
```


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

```
.border{ border-color:rgb(76, 46, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 46, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 46, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 46, 158);  
box-shadow:4px 4px 4px 4px rgb(76, 46,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 67.7380, 44.4992, 7.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 46, 158) }
```

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

```
.background{ background-color: rgb(76, 46,  
158) }
```

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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