

Converting Colors

YUV(44.4980, 72.2255, 27.6273)

Have a look what the booklet for
YUV(44.4980, 72.2255, 27.6273)
contains.

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Color

**YUV(44.4980, 72.2255,
27.6273)**

Conversions

Conversions Part 1

Format	Color
Hex	4C00BF
RGB	76, 0, 191
RGB Percent	30%, 0%, 75%
CMY	0.7020, 1.0000, 0.2510
CMYK	0.60, 1.00, 0.00, 0.25
HSL	264°, 100%, 37%
HSV	264°, 100%, 75%
XYZ	12.3845, 5.2981, 49.6601
YIQ	44.4980, -16.0150, 75.5130

Conversions

Conversions Part 2

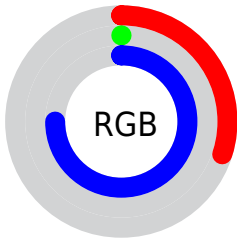
Format	Color
RYB	76, 0, 191
Decimal	4980927
CIELab	27.57, 65.69, -78.83
CIELCh	28, 102.616, 309.804
Yxy	5.2981, 0.1839, 0.0787
Android (android.graphics.Color)	4283171007 (0xFF4C00BF)
YUV	44.4980, 72.2255, 27.6273
Hunter-Lab	23.0176, 55.7600, -111.8051

Details

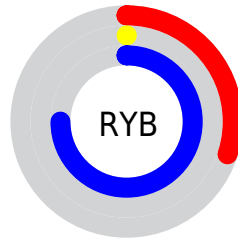
The YUV color **44.4980, 72.2255, 27.6273** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **146.5020, -72.2255, -27.6273**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8630, 68.5945, 25.5531**, and **15.5040, 59.4045, -13.5970** is the 20% darker color. If you saturate the color by 10%, you get **44.4980, 72.2255, 27.6273**, and if you desaturate by 10%, it is **58.9400, 65.1056, 24.6086**.

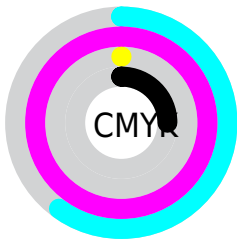
Distribution



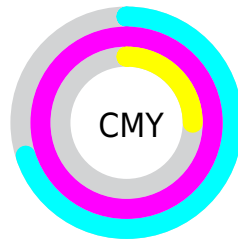
- Red (30%)
- Green (0%)
- Blue (75%)



- Red (30%)
- Yellow (0%)
- Blue (75%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (70%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4980, 72.2255, 27.6273 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 44.4980, 72.2255, 27.6273 by changing the saturation by 10% instead.

■ 44.4980, 72.2255,
27.6273

■ 44.4980, 72.2255,
27.6273

■ 255.0000, 0.0000,
0.0000

■ 29.6450, 65.7440,
6.4503

■ 109.8630, 68.5945,
25.5531

■ 15.5040, 59.4045,
-13.5970

■ 135.6650, 58.8322,
30.1118

■ 12.5400, 48.0478,
-10.9976

■ 160.4840, 46.5964,
34.6555

■ 10.7500, 36.1123,
-9.4277

■ 185.6020, 34.2132,
39.8140

■ 10.3620, 24.4715,
-9.0875

■ 209.2140, 22.5725,
40.1543

■ 5.3920, 15.5827,
-4.7288

■ 226.2370, 14.1802,


■ 2.0690, 5.3890,

25.2252


-1.8145


 243.2600, 5.7878,
10.2960


 0.0000, 0.0000,
0.0000


 44.4980, 72.2255,
27.6273

 58.9400, 65.1056,
24.6086

 73.6810, 57.8383,
22.2048

 88.1230, 50.7184,
19.1861

 102.8640, 43.4510,
16.7823

 117.8930, 36.0418,
13.2488

■ 132.6340, 28.7744,
10.8450

■ 147.0760, 21.6545,
7.8263

■ 161.8170, 14.3872,
5.4225

■ 176.5580, 7.1199,
3.0186

Harmonies

Analogous

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



68.9570, 78.9012, -60.4753



44.4980, 72.2255, 27.6273



64.1400, 28.5250, 91.0852

Triad

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



44.4980, 72.2255, 27.6273



57.3110, -28.2543, 55.8553



62.6170, 13.9928, -54.9151

Complementary

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



44.4980, 72.2255, 27.6273



146.5020, -72.2255, -27.6273

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.



51.0690, -25.1770, -44.7875



44.4980, 72.2255, 27.6273



58.7200, -28.9490, -1.5084

Square

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



44.4980, 72.2255, 27.6273



49.9330, -24.6170, 102.6678



48.7210, -24.0195, -42.7283



72.5690, 47.0475, -63.6430

Rectangle

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



44.4980, 72.2255, 27.6273



63.5940, 3.1582, 107.3501



48.7210, -24.0195, -42.7283



58.8380, 2.0519, -51.6009

Sweetspot

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



44.4980, 72.2255, 27.6273



190.4060, 27.9008, 11.0449



91.0400, 49.2803, -79.8421



90.5120, 17.0026, 6.5670



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



44.4980, 72.2255, 27.6273



57.4600, 93.4432, 35.5536



72.3050, 58.5166, 84.8015



87.2220, 3.3416, 1.5593



36.8490, 59.7274, 22.9344



7.1220, 11.7719, 4.2780

Inverse Universe

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



70.2190, 22.0770, 105.9249



90.8390, 28.6734, 136.9532



118.6950, -58.5166, -84.8015



88.3750, 1.2941, 4.9331



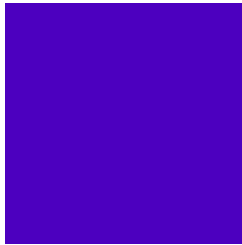
58.0720, 18.2055, 87.6369



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 44.4980, 72.2255, 27.6273 looks on a white background.

Color Contrast Check

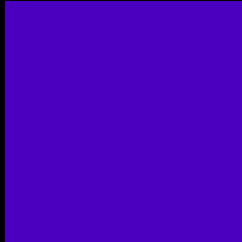
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4980, 72.2255, 27.6273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

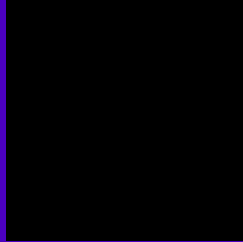
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4980, 72.2255, 27.6273

Background



This preview shows how black text looks on a background with the YUV color 44.4980, 72.2255, 27.6273.



This preview shows how white text looks on a background with the YUV color 44.4980, 72.2255,

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



Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

54.3140, 30.4112, -47.6334

Tritanopia

58.5380, 10.5808, -33.7978

Trichromacy



Protanomaly

50.3370, 52.5849, -19.5895

Deuteranomaly

51.0890, 45.3121, -20.2491

Tritanomaly

53.2290, 32.9181, -11.6018

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.2380, 26.0117, 10.3153

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4980, 72.2255, 27.6273 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, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 191)  
}
```

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, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 191) }
```

Border

The CSS property to change the border of an element to YUV 44.4980, 72.2255, 27.6273 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, 0, 191) }
```

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

```
.border{ border-color:rgb(76, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 191)  
}
```


Background

The CSS property to change the background color of an element to YUV 44.4980, 72.2255, 27.6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 191) }
```

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

```
.background{ background-color: rgb(76, 0,  
191) }
```

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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