

Converting Colors

YUV(44.6010, 72.6677, 25.7829)

Have a look what the booklet for
YUV(44.6010, 72.6677, 25.7829)
contains.

YUV(44.6010, 72.6677, 25.7829)	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(44.6010, 72.6677,
25.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	4A01C0
RGB	74, 1, 192
RGB Percent	29%, 0%, 75%
CMY	0.7098, 0.9961, 0.2471
CMYK	0.61, 0.99, 0.00, 0.25
HSL	263°, 99%, 38%
HSV	263°, 99%, 75%
XYZ	12.3493, 5.2833, 50.2381
YIQ	44.6010, -17.8030, 74.8770

Conversions

Conversions Part 2

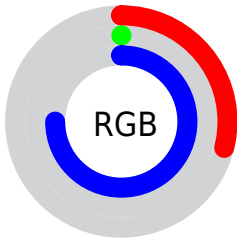
Format	Color
R_{YB}	74, 1, 192
Decimal	4850112
CIE _{Lab}	27.53, 65.63, -79.50
CIE _{LCh}	28, 103.086, 309.540
Yxy	5.2833, 0.1820, 0.0778
Android (android.graphics.Color)	4283040192 (0xFF4A01C0)
YUV	44.6010, 72.6677, 25.7829
Hunter-Lab	22.9855, 55.6774, -113.4970

Details

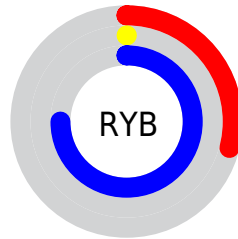
The YUV color **44.6010, 72.6677, 25.7829** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **148.3990, -72.6677, -25.7829**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6780, 69.1787, 24.8384**, and **15.6180, 59.8413, -13.6970** is the 20% darker color. If you saturate the color by 10%, you get **43.7150, 73.1045, 25.6829**, and if you desaturate by 10%, it is **59.3420, 65.4004, 23.3791**.

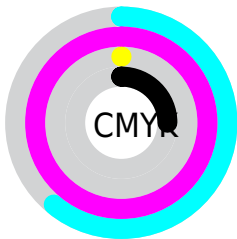
Distribution



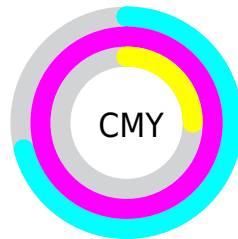
- Red (29%)
- Green (0%)
- Blue (75%)



- Red (29%)
- Yellow (0%)
- Blue (75%)



- Cyan (61%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.6010, 72.6677, 25.7829 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 44.6010, 72.6677, 25.7829 by changing the saturation by 10% instead.

■ 44.6010, 72.6677,
25.7829

■ 44.6010, 72.6677,
25.7829

■ 255.0000, 0.0000,
0.0000

■ 28.8620, 66.6230,
4.5060

■ 109.6780, 69.1787,
24.8384

■ 15.6180, 59.8413,
-13.6970

■ 135.0670, 59.1270,
28.8822

■ 12.5400, 48.0478,
-10.9976

■ 160.1850, 46.7438,
34.0408

■ 10.8640, 36.5490,
-9.5277

■ 185.5910, 34.2186,
38.0697

■ 10.3620, 24.4715,
-9.0875

■ 209.2140, 22.5725,
40.1543


■ 5.5060, 16.0195,
-4.8288


■ 226.2370, 14.1802,


■ 2.2970, 6.2626,


25.2252

-2.0145


 243.2600, 5.7878,
10.2960


 0.0000, 0.0000,
0.0000


 44.6010, 72.6677,
25.7829


 44.6010, 72.6677,
25.7829


 43.7150, 73.1045,
25.6829

 59.3420, 65.4004,
23.3791

 74.0830, 58.1331,
20.9752

 89.4110, 50.5764,
18.0566

 103.8530, 43.4565,
15.0379

 118.5940, 36.1892,
12.6341

■ 133.3350, 28.9218,
10.2302

■ 148.0760, 21.6545,
7.8263

■ 163.4040, 14.0978,
4.9077

■ 178.1450, 6.8305,
2.5038

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



44.6010, 72.6677, 25.7829



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.



44.6010, 72.6677, 25.7829



57.0230, -28.1123, 56.9848



62.5030, 13.5560, -54.8151

Complementary

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



44.6010, 72.6677, 25.7829



148.3990, -72.6677, -25.7829

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



44.6010, 72.6677, 25.7829



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.



44.6010, 72.6677, 25.7829



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.



44.6010, 72.6677, 25.7829



64.0070, 3.4475, 107.8649



48.7210, -24.0195, -42.7283



58.7240, 1.6151, -51.5009

Sweetspot

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



44.6010, 72.6677, 25.7829



192.2210, 28.4850, 10.3302



93.8010, 48.4121, -81.3865



90.2130, 17.1500, 5.9522



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.



44.6010, 72.6677, 25.7829



57.2040, 95.0484, 34.0241



72.4080, 58.9589, 82.9572



89.3360, 3.7784, 1.4593



36.5930, 61.3327, 21.4049



7.6490, 12.4980, 4.6928

Inverse Universe

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



71.5610, 23.3874, 105.6250



92.3060, 30.4151, 138.2976



120.5920, -58.9589, -82.9572



90.6740, 1.1467, 5.5479



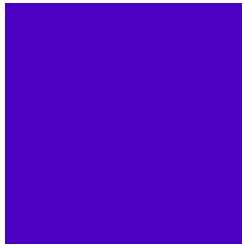
59.4250, 19.5105, 89.0813



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 44.6010, 72.6677, 25.7829 looks on a white background.

Color Contrast Check

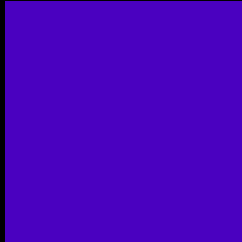
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.6010, 72.6677, 25.7829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

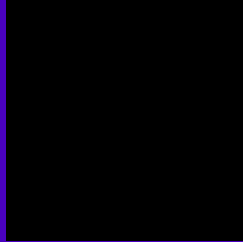
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.6010, 72.6677, 25.7829

Background



This preview shows how black text looks on a background with the YUV color 44.6010, 72.6677, 25.7829.



This preview shows how white text looks on a background with the YUV color 44.6010, 72.6677,

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

44.6010, 72.6677, 25.7829

Protanopia

53.6590, 40.5941, -47.0589

Deuteranopia

53.7270, 30.7006, -47.1186



Tritanopia

53.2590, 13.6763, -46.7081

Trichromacy



Original Color

44.6010, 72.6677, 25.7829

Protanomaly

50.5110, 52.0061, -20.6191

Deuteranomaly

50.3170, 46.1857, -20.4490

Tritanomaly

50.0430, 34.9818, -20.2087

Monochromacy



Original Color

44.6010, 72.6677, 25.7829

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.9390, 26.1591, 9.7005

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.6010, 72.6677, 25.7829 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(74, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(74, 1, 192)  
}
```

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(74, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 1, 192) }
```

Border

The CSS property to change the border of an element to YUV 44.6010, 72.6677, 25.7829 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(74, 1, 192) }
```


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

```
.border{ border-color:rgb(74, 1, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 1, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(74, 1, 192)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.6010, 72.6677, 25.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 1, 192) }
```

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

```
.background{ background-color: rgb(74, 1,  
192) }
```

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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