

Converting Colors

YUV(44.4470, 29.3596, 56.6130)

Have a look what the booklet for
YUV(44.4470, 29.3596, 56.6130)
contains.

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Color

**YUV(44.4470, 29.3596,
56.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	6D0068
RGB	109, 0, 104
RGB Percent	43%, 0%, 41%
CMY	0.5725, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.05, 0.57
HSL	303°, 100%, 21%
HSV	303°, 100%, 43%
XYZ	8.8054, 4.2507, 13.4531
YIQ	44.4470, 31.5800, 55.4520

Conversions

Conversions Part 2

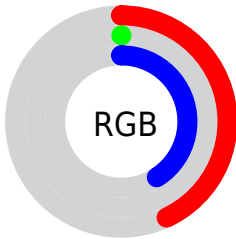
Format	Color
RYB	109, 0, 104
Decimal	7143528
CIELab	24.48, 51.74, -29.81
CIELCh	24, 59.719, 330.050
Yxy	4.2507, 0.3322, 0.1603
Android (android.graphics.Color)	4285333608 (0xFF6D0068)
YUV	44.4470, 29.3596, 56.6130
Hunter-Lab	20.6172, 40.1552, -24.2557

Details

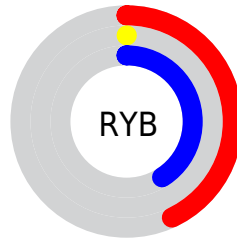
The YUV color **44.4470, 29.3596, 56.6130** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **64.5530, -29.3596, -56.6130**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.5620, 24.8659, 51.2501**, and **23.4270, 16.0585, 29.4435** is the 20% darker color. If you saturate the color by 10%, you get **44.4470, 29.3596, 56.6130**, and if you desaturate by 10%, it is **51.0180, 26.6131, 50.8502**.

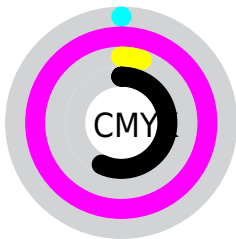
Distribution



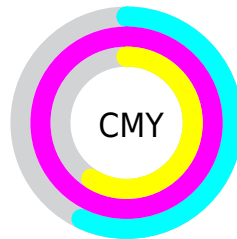
- Red (43%)
- Green (0%)
- Blue (41%)



- Red (43%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4470, 29.3596, 56.6130 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 44.4470, 29.3596, 56.6130 by changing the saturation by 10% instead.

■ 44.4470, 29.3596,
56.6130

■ 44.4470, 29.3596,
56.6130

■ 255.0000, 0.0000,
0.0000

■ 33.9370, 22.7091,
43.0283

■ 105.5620, 24.8659,
51.2501

■ 23.4270, 16.0585,
29.4435

■ 132.8610, 24.7185,
51.8649

■ 13.4440, 10.1341,
16.2736

■ 160.4590, 24.4237,
53.0945

■ 0.7980, 3.0576,
-0.6998

■ 188.2850, 25.0025,
54.1241

■ 0.0000, 0.0000,
0.0000

■ 208.0400, 23.1513,
41.1839

■ 224.4760, 15.0483,

26.7695

■ 241.4990, 6.6560,
11.8404

■ 44.4470, 29.3596,
56.6130

■ 51.0180, 26.6131,
50.8502

■ 57.4750, 23.4298,
45.1874

■ 64.0460, 20.6833,
39.4247

■ 70.5030, 17.5000,
33.7619

■ 77.0740, 14.7535,
27.9991

■ 82.9440, 11.8596,
22.8511

■ 89.5150, 9.1131,
17.0883

■ 95.9720, 5.9298,
11.4256

■ 102.5430, 3.1833,
5.6628

Harmonies

Analogous

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



55.2920, 40.7750, -11.6571



44.4470, 29.3596, 56.6130



46.0090, 6.8976, 74.5371

Triad

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



44.4470, 29.3596, 56.6130



54.9870, -27.1086, 14.9204



56.3540, 22.9965, -49.4225

Complementary

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



44.4470, 29.3596, 56.6130



64.5530, -29.3596, -56.6130

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.



50.5230, 3.1932, -44.3087



44.4470, 29.3596, 56.6130



47.0920, -23.2164, -20.2517

Square

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



44.4470, 29.3596, 56.6130



52.2390, -25.7538, 47.1484



43.3070, -19.3784, -37.9802



59.0560, 38.4264, -51.7921

Rectangle

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



44.4470, 29.3596, 56.6130



42.7030, -5.7696, 77.4365



43.3070, -19.3784, -37.9802



54.6440, 16.4445, -47.9228

Sweetspot

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



44.4470, 29.3596, 56.6130



117.5310, 11.5702, 22.3363



13.6220, 47.0214, -8.4385



56.2110, 6.7980, 12.9700



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.



44.4470, 29.3596, 56.6130



58.2610, 38.3253, 74.3161



38.4050, 6.2093, 61.9118



50.3640, 1.2995, 3.1888



47.7510, 31.6748, 60.7314



99.9310, 66.0960, 127.2255

Inverse Universe

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



44.4470, 29.3596, 56.6130



58.2610, 38.3253, 74.3161



70.5950, -6.2093, -61.9118



50.3640, 1.2995, 3.1888



47.7510, 31.6748, 60.7314



99.9310, 66.0960, 127.2255

Previews

White Background



This preview shows how the YUV color 44.4470, 29.3596, 56.6130 looks on a white background.

Color Contrast Check

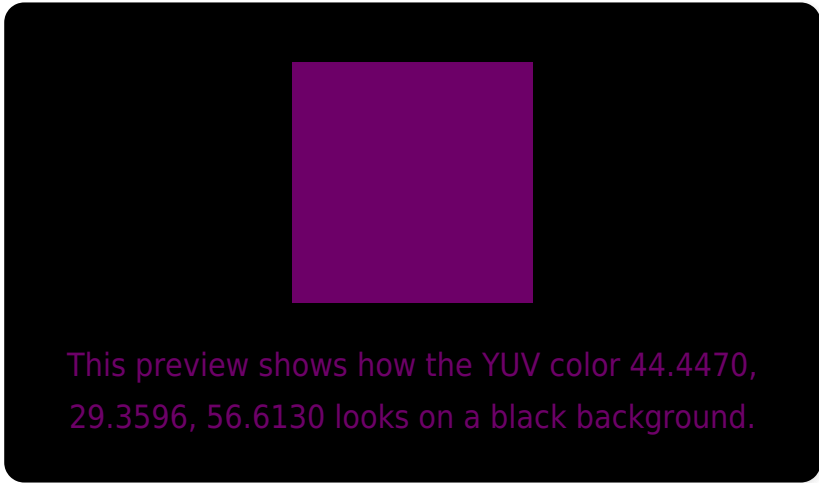
Large Text (above 18pt) WCAG AA ✓ Pass

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

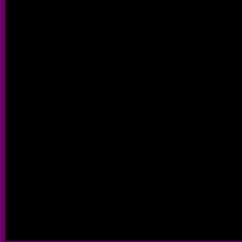
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4470, 29.3596, 56.6130

Background



This preview shows how black text looks on a background with the YUV color 44.4470, 29.3596, 56.6130.



This preview shows how white text looks on a background with the YUV color 44.4470, 29.3596,

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

49.5840, 37.6731, -43.4852

Deuteranopia

60.1240, 18.6729, -15.8947

Tritanopia

59.7660, -8.2656, 37.9162

Trichromacy



Protanomaly

47.7180, 34.6490, -6.7687

Deuteranomaly

54.0270, 22.6647, 10.5003

Tritanomaly

54.0670, 5.3900, 44.6682

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.2920, 10.7020, 20.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4470, 29.3596, 56.6130 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, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 104)  
}
```

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, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 104) }
```

Border

The CSS property to change the border of an element to YUV 44.4470, 29.3596, 56.6130 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, 0, 104) }
```

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

```
.border{ border-color:rgb(109, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
104) }
```


Background

The CSS property to change the background color of an element to YUV 44.4470, 29.3596, 56.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 104) }
```

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

```
.background{ background-color: rgb(109, 0,  
104) }
```

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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