

Converting Colors

YUV(56.2510, 76.7843, 12.0579)

Have a look what the booklet for
YUV(56.2510, 76.7843, 12.0579)
contains.

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Color

**YUV(56.2510, 76.7843,
12.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	4613D4
RGB	70, 19, 212
RGB Percent	27%, 7%, 83%
CMY	0.7255, 0.9255, 0.1686
CMYK	0.67, 0.91, 0.00, 0.17
HSL	256°, 84%, 45%
HSV	256°, 91%, 83%
XYZ	14.6423, 6.5213, 62.7744
YIQ	56.2510, -31.5570, 70.8350

Conversions

Conversions Part 2

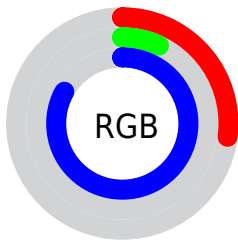
Format	Color
R _Y B	70, 19, 212
Decimal	4592596
CIE Lab	30.69, 66.78, -85.96
CIE LCh	31, 108.849, 307.844
Yxy	6.5213, 0.1744, 0.0777
Android (android.graphics.Color)	4282782676 (0xFF4613D4)
YUV	56.2510, 76.7843, 12.0579
Hunter-Lab	25.5368, 57.6589, -127.8702

Details

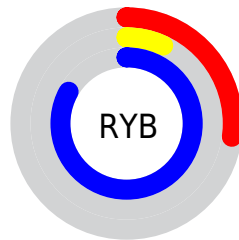
The YUV color **56.2510, 76.7843, 12.0579** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **174.7490, -76.7843, -12.0579**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5310, 68.7582, 19.7053**, and **17.7840, 68.1405, -15.5966** is the 20% darker color. If you saturate the color by 10%, you get **40.9120, 84.3464, 13.2322**, and if you desaturate by 10%, it is **73.3620, 68.3485, 11.0835**.

Distribution



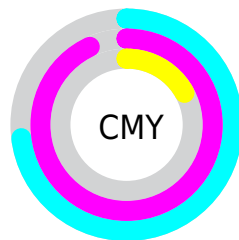
- Red (27%)
- Green (7%)
- Blue (83%)



- Red (27%)
- Yellow (7%)
- Blue (83%)



- Cyan (67%)
- Magenta (91%)
- Yellow (0%)
- Black (17%)



- Cyan (73%)
- Magenta (93%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.2510, 76.7843, 12.0579 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 56.2510, 76.7843, 12.0579 by changing the saturation by 10% instead.

■ 56.2510, 76.7843,
12.0579

■ 56.2510, 76.7843,
12.0579

■ 255.0000, 0.0000,
0.0000

■ 26.5430, 77.1333,
-6.6152

■ 115.5310, 68.7582,
19.7053

■ 17.7840, 68.1405,
-15.5966

■ 140.6490, 56.3750,
24.8638

■ 14.7060, 56.3469,
-12.8972

■ 165.7670, 43.9919,
30.0223

■ 11.6280, 44.5534,
-10.1978

■ 191.4720, 31.3193,
34.6661

■ 14.6480, 30.7395,
-12.8463

■ 215.0840, 19.6786,
35.0063

■ 8.9770, 21.7033,
-7.8728


■ 231.5200, 11.5756,


■ 4.7080, 12.9620,


20.5920


-4.1289


 248.5430, 3.1833,
5.6628


 0.2280, 0.8736,
-0.2000


 0.0000, 0.0000,
0.0000


 56.2510, 76.7843,
12.0579

 56.2510, 76.7843,
12.0579

 40.9120, 84.3464,
13.2322

 73.3620, 68.3485,
11.0835

 90.1740, 60.0602,
9.4944

 107.8720, 51.3351,
8.0053

 124.6840, 43.0468,
6.4161

■ 141.7950, 34.6111,
5.4418

■ 158.9060, 26.1753,
4.4674

■ 175.7180, 17.8870,
2.8783

■ 193.4160, 9.1619,
1.3892

■ 210.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



77.2210, 85.1800, -67.7228



56.2510, 76.7843, 12.0579



69.6660, 34.1817, 96.7629

Triad

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



56.2510, 76.7843, 12.0579



62.0950, -30.6128, 65.6917



68.2420, 12.6987, -59.8482

Complementary

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



56.2510, 76.7843, 12.0579



174.7490, -76.7843, -12.0579

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.



55.7650, -27.4921, -48.9059



56.2510, 76.7843, 12.0579



65.8300, -32.4542, 2.7801

Square

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



56.2510, 76.7843, 12.0579



55.3150, -27.2703, 113.7337



53.4170, -26.3346, -46.8467



79.5790, 48.5216, -69.7908

Rectangle

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



56.2510, 76.7843, 12.0579



69.8600, 6.4780, 115.8868



53.4170, -26.3346, -46.8467



64.2350, -0.1159, -56.3341

Sweetspot

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



56.2510, 76.7843, 12.0579



199.2480, 27.4857, 4.1675



126.1170, 42.3403, -93.9416



94.6640, 16.4346, 2.0487



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



56.2510, 76.7843, 12.0579



49.1030, 101.5072, 15.6957



84.3570, 62.9280, 69.8469



98.1510, 4.3626, 0.7446



32.9490, 68.0591, 10.5687



8.1910, 17.1608, 2.4635

Inverse Universe

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



92.8950, 33.5758, 104.4551



97.6770, 44.5292, 137.9723



146.6430, -62.9280, -69.8469



100.2010, 1.8729, 5.9627



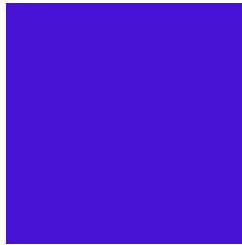
65.4930, 29.8300, 92.5296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 56.2510, 76.7843, 12.0579 looks on a white background.

Color Contrast Check

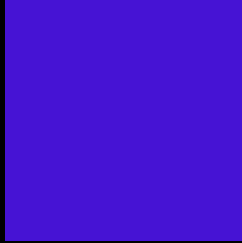
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.2510, 76.7843, 12.0579 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 56.2510, 76.7843, 12.0579

Background



This preview shows how black text looks on a background with the YUV color 56.2510, 76.7843, 12.0579.



This preview shows how white text looks on a background with the YUV color 56.2510, 76.7843,

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

56.2510, 76.7843, 12.0579

Protanopia

57.8480, 43.9519, -50.7327

Deuteranopia

58.2750, 32.8954, -51.1072



Tritanopia

57.3510, 14.1240, -50.2968

Trichromacy



Original Color

56.2510, 76.7843, 12.0579

Protanomaly

56.9060, 56.2483, -27.9816

Deuteranomaly

57.6580, 48.9756, -28.6411

Tritanomaly

56.5690, 37.1875, -27.6860

Monochromacy



Original Color

56.2510, 76.7843, 12.0579

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.3620, 27.9225, 4.0675

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.2510, 76.7843, 12.0579 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(70, 19, 212)` looks like.

```
.text, #text, p{  
    color:rgb(70, 19, 212)  
}
```

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(70, 19, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 19, 212) }
```

Border

The CSS property to change the border of an element to YUV 56.2510, 76.7843, 12.0579 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(70, 19, 212) }
```


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

```
.border{ border-color:rgb(70, 19, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 19, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 19, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 19, 212);  
box-shadow:4px 4px 4px 4px rgb(70, 19,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 56.2510, 76.7843, 12.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 19, 212) }
```

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

```
.background{ background-color: rgb(70, 19,  
212) }
```

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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