

Converting Colors

YUV(64.9510, 58.1982, 0.0430)

Have a look what the booklet for
YUV(64.9510, 58.1982, 0.0430)
contains.

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Color

**YUV(64.9510, 58.1982,
0.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	412AB7
RGB	65, 42, 183
RGB Percent	25%, 16%, 72%
CMY	0.7451, 0.8353, 0.2824
CMYK	0.64, 0.77, 0.00, 0.28
HSL	250°, 63%, 44%
HSV	250°, 77%, 72%
XYZ	11.5552, 6.1986, 45.3872
YIQ	64.9510, -31.5530, 48.7270

Conversions

Conversions Part 2

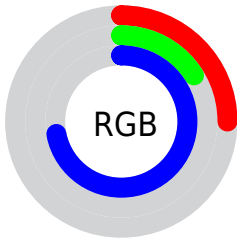
Format	Color
R _Y B	65, 42, 183
Decimal	4270775
CIE Lab	29.91, 49.81, -70.25
CIE LCh	30, 86.119, 305.341
Yxy	6.1986, 0.1830, 0.0982
Android (android.graphics.Color)	4282460855 (0xFF412AB7)
YUV	64.9510, 58.1982, 0.0430
Hunter-Lab	24.8971, 39.2752, -90.6573

Details

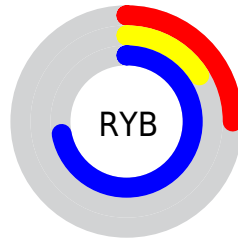
The YUV color **64.9510, 58.1982, 0.0430** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **160.0490, -58.1982, -0.0430**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7500, 59.7763, 7.2353**, and **14.7060, 56.3469, -12.8972** is the 20% darker color. If you saturate the color by 10%, you get **49.9000, 65.6183, 0.0877**, and if you desaturate by 10%, it is **80.0020, 50.7780, -0.0018**.

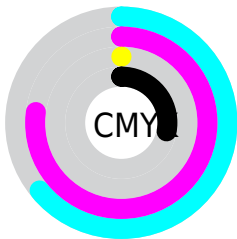
Distribution



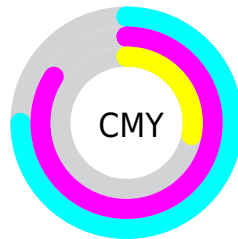
- Red (25%)
- Green (16%)
- Blue (72%)



- Red (25%)
- Yellow (16%)
- Blue (72%)



- Cyan (64%)
- Magenta (77%)
- Yellow (0%)
- Black (28%)



- Cyan (75%)
- Magenta (84%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9510, 58.1982, 0.0430 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 64.9510, 58.1982, 0.0430 by changing the saturation by 10% instead.

■ 64.9510, 58.1982,
0.0430

■ 64.9510, 58.1982,
0.0430

■ 255.0000, 0.0000,
0.0000

■ 34.5260, 59.3937,
-10.1083

■ 118.7500, 59.7763,
7.2353

■ 14.7060, 56.3469,
-12.8972

■ 144.6920, 54.3818,
10.7941

■ 11.7420, 44.9902,
-10.2977

■ 168.9240, 42.4355,
15.8527

■ 11.7130, 32.1865,
-10.2723

■ 193.7430, 30.1997,
20.3964

■ 9.0910, 22.1401,
-7.9728

■ 219.1490, 17.6745,
24.4253

■ 4.7080, 12.9620,
-4.1289

■ 237.9770, 8.3923,

■ 0.3420, 1.3104,

14.9292

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 64.9510, 58.1982,
0.0430

■ 64.9510, 58.1982,
0.0430

■ 49.9000, 65.6183,
0.0877

■ 80.0020, 50.7780,
-0.0018

■ 33.9630, 73.4752,
0.0324

■ 95.9390, 42.9211,
0.0535

■ 29.8320, 75.5118,
0.1473

■ 110.9900, 35.5009,
0.0088

■ 126.0410, 28.0808,
-0.0360

■ 141.9780, 20.2238,
0.0193

■ 157.0290, 12.8037,
-0.0254

■ 172.0800, 5.3836,
-0.0702

■ 187.4300, -2.1840,
0.4999

■ 203.0680, -9.8935,
-0.0596

Harmonies

Analogous

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



70.1990, 68.4289, -61.5645



64.9510, 58.1982, 0.0430



60.3390, 33.3569, 81.2637

Triad

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



64.9510, 58.1982, 0.0430



62.6380, -30.8805, 58.1995



63.8250, 8.4673, -55.9745

Complementary

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



64.9510, 58.1982, 0.0430



160.0490, -58.1982, -0.0430

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.



53.4170, -26.3346, -46.8467



64.9510, 58.1982, 0.0430



65.8740, -32.4759, 9.7575

Square

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



64.9510, 58.1982, 0.0430



49.6340, -24.4696, 102.0530



50.4820, -24.8876, -44.2727



72.0500, 37.4434, -63.1878

Rectangle

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



64.9510, 58.1982, 0.0430



61.6020, 11.0422, 98.5730



50.4820, -24.8876, -44.2727



60.6160, -1.2897, -53.1602

Sweetspot

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



64.9510, 58.1982, 0.0430



191.8470, 22.2604, 0.1342



128.5140, 26.8616, -75.8728



91.6700, 13.9667, 0.2894



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



64.9510, 58.1982, 0.0430



54.6160, 89.9153, 0.3368



85.5820, 48.0271, 42.4626



84.3250, 3.7838, -0.2850



25.2590, 64.4553, -0.2271



4.6870, 11.4933, 0.2745

Inverse Universe

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



97.6110, 30.7578, 74.8862



105.0440, 47.7993, 115.7254



139.4180, -48.0271, -42.4626



86.4890, 1.7309, 4.8331



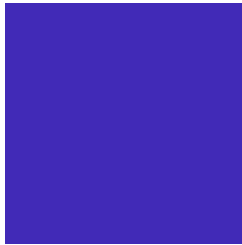
61.4640, 33.7882, 82.9081



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 64.9510, 58.1982, 0.0430 looks on a white background.

Color Contrast Check

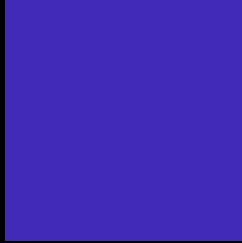
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.9510, 58.1982, 0.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

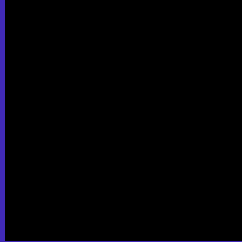
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9510, 58.1982, 0.0430

Background



This preview shows how black text looks on a background with the YUV color 64.9510, 58.1982, 0.0430.



This preview shows how white text looks on a background with the YUV color 64.9510, 58.1982,

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

64.9510, 58.1982, 0.0430

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.7590, 32.1638, -49.7776



Tritanopia

55.3620, 14.1185, -48.5525

Trichromacy



Original Color

64.9510, 58.1982, 0.0430

Protanomaly

59.8210, 48.4022, -31.4150

Deuteranomaly

59.9860, 41.4189, -31.5597

Tritanomaly

59.0110, 30.0676, -30.7046

Monochromacy



Original Color

64.9510, 58.1982, 0.0430

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.2060, 21.0974, -0.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9510, 58.1982, 0.0430 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(65, 42, 183)` looks like.

```
.text, #text, p{  
    color:rgb(65, 42, 183)  
}
```

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(65, 42, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 42, 183) }
```

Border

The CSS property to change the border of an element to YUV 64.9510, 58.1982, 0.0430 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(65, 42, 183) }
```


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

```
.border{ border-color:rgb(65, 42, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 42, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 42, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 42, 183);  
box-shadow:4px 4px 4px 4px rgb(65, 42,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 64.9510, 58.1982, 0.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 42, 183) }
```

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

```
.background{ background-color: rgb(65, 42,  
183) }
```

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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