

Converting Colors

YUV(57.5610, 76.6314, 14.4170)

Have a look what the booklet for
YUV(57.5610, 76.6314, 14.4170)
contains.

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Color

**YUV(57.5610, 76.6314,
14.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	4A13D5
RGB	74, 19, 213
RGB Percent	29%, 7%, 84%
CMY	0.7098, 0.9255, 0.1647
CMYK	0.65, 0.91, 0.00, 0.16
HSL	257°, 84%, 45%
HSV	257°, 91%, 84%
XYZ	15.0672, 6.7257, 63.4548
YIQ	57.5610, -29.4940, 71.9940

Conversions

Conversions Part 2

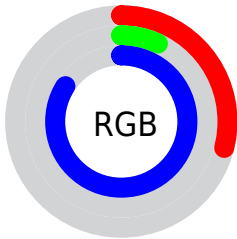
Format	Color
R_{YB}	74, 19, 213
Decimal	4854741
CIE _{Lab}	31.17, 67.27, -85.72
CIE _{LCh}	31, 108.964, 308.122
Yxy	6.7257, 0.1767, 0.0789
Android (android.graphics.Color)	4283044821 (0xFF4A13D5)
YUV	57.5610, 76.6314, 14.4170
Hunter-Lab	25.9339, 58.3210, -126.9164

Details

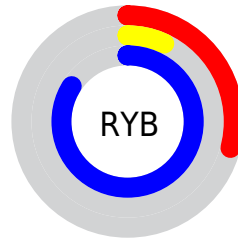
The YUV color **57.5610, 76.6314, 14.4170** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **174.4390, -76.6314, -14.4170**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0150, 68.0266, 21.0348**, and **17.8980, 68.5773, -15.6965** is the 20% darker color. If you saturate the color by 10%, you get **42.2220, 84.1936, 15.5913**, and if you desaturate by 10%, it is **74.3730, 68.3431, 12.8279**.

Distribution



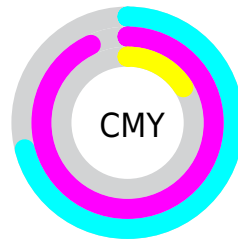
- Red (29%)
- Green (7%)
- Blue (84%)



- Red (29%)
- Yellow (7%)
- Blue (84%)



- Cyan (65%)
- Magenta (91%)
- Yellow (0%)
- Black (16%)



- Cyan (71%)
- Magenta (93%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.5610, 76.6314, 14.4170 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 57.5610, 76.6314, 14.4170 by changing the saturation by 10% instead.

■ 57.5610, 76.6314,
14.4170

■ 57.5610, 76.6314,
14.4170

255.0000, 0.0000,
0.0000

■ 29.3480, 76.2434,
-1.1822

■ 117.0150, 68.0266,
21.0348

■ 17.8980, 68.5773,
-15.6965

■ 142.1330, 55.6434,
26.1934

■ 14.8200, 56.7837,
-12.9971

■ 167.2510, 43.2603,
31.3519

■ 11.7420, 44.9902,
-10.2977

■ 192.3690, 30.8771,
36.5104

■ 14.7620, 31.1763,
-12.9463

■ 215.0840, 19.6786,
35.0063


■ 9.0910, 22.1401,
-7.9728


■ 232.1070, 11.2862,


■ 4.8220, 13.3988,


20.0772


-4.2289


 249.1300, 2.8939,
5.1480


 0.4560, 1.7472,
-0.3999


 0.0000, 0.0000,
0.0000

 57.5610, 76.6314,
14.4170

 57.5610, 76.6314,
14.4170

 42.2220, 84.1936,
15.5913

 74.3730, 68.3431,
12.8279

 92.0710, 59.6180,
11.3387

 108.8830, 51.3297,
9.7496

 125.6950, 43.0414,
8.1605

■ 143.0940, 34.4637,
6.0566

■ 160.2050, 26.0279,
5.0822

■ 177.0170, 17.7396,
3.4931

■ 193.8290, 9.4513,
1.9040

■ 211.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



77.3350, 85.6168, -67.8228



57.5610, 76.6314, 14.4170



70.2640, 33.8868, 97.9925

Triad

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



57.5610, 76.6314, 14.4170



63.5680, -31.3390, 65.2769



69.0570, 13.2829, -60.5630

Complementary

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



57.5610, 76.6314, 14.4170



174.4390, -76.6314, -14.4170

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.



56.9390, -28.0709, -49.9355



57.5610, 76.6314, 14.4170



67.0040, -33.0330, 1.7505

Square

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



57.5610, 76.6314, 14.4170



55.6140, -27.4177, 114.3485



54.0040, -26.6240, -47.3615



80.3940, 49.1058, -70.5055

Rectangle

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



57.5610, 76.6314, 14.4170



70.4580, 6.1832, 117.1163



54.0040, -26.6240, -47.3615



65.0500, 0.4684, -57.0488

Sweetspot

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



57.5610, 76.6314, 14.4170



199.8460, 27.1909, 5.3971



122.7090, 44.5135, -90.9528



94.9630, 16.2872, 2.6634



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.



57.5610, 76.6314, 14.4170



50.5980, 100.7702, 18.7696



86.5640, 62.3329, 74.0504



98.1510, 4.3626, 0.7446



33.8460, 67.6169, 12.4131



8.4900, 17.0134, 3.0783

Inverse Universe

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



92.8520, 32.1180, 105.3698



97.1070, 42.3452, 138.4722



145.4360, -62.3329, -74.0504



100.2010, 1.8729, 5.9627



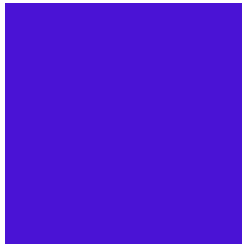
65.0370, 28.0828, 92.9296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 57.5610, 76.6314, 14.4170 looks on a white background.

Color Contrast Check

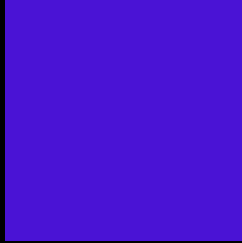
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.5610, 76.6314, 14.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

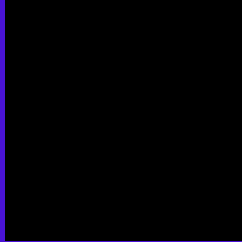
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.5610, 76.6314, 14.4170

Background



This preview shows how black text looks on a background with the YUV color 57.5610, 76.6314, 14.4170.



This preview shows how white text looks on a background with the YUV color 57.5610, 76.6314,

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

57.5610, 76.6314, 14.4170

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

59.0900, 33.4796, -51.8219



Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Original Color

57.5610, 76.6314, 14.4170

Protanomaly

58.3190, 56.5377, -27.4668

Deuteranomaly

58.3700, 49.1176, -27.5115

Tritanomaly

57.8680, 37.0401, -27.0712

Monochromacy



Original Color

57.5610, 76.6314, 14.4170

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9600, 27.6277, 5.2971

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.5610, 76.6314, 14.4170 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, 19, 213)` looks like.

```
.text, #text, p{  
    color:rgb(74, 19, 213)  
}
```

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, 19, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 19, 213) }
```

Border

The CSS property to change the border of an element to YUV 57.5610, 76.6314, 14.4170 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, 19, 213) }
```


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

```
.border{ border-color:rgb(74, 19, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 19, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 19, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 19, 213);  
box-shadow:4px 4px 4px 4px rgb(74, 19,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 57.5610, 76.6314, 14.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 19, 213) }
```

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

```
.background{ background-color: rgb(74, 19,  
213) }
```

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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