

Converting Colors

YUV(115.9910, 43.8814,
-28.0561)

Have a look what the booklet for
YUV(115.9910, 43.8814, -28.0561)
contains.

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Color

**YUV(115.9910, 43.8814,
-28.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	5473CD
RGB	84, 115, 205
RGB Percent	33%, 45%, 80%
CMY	0.6706, 0.5490, 0.1961
CMYK	0.59, 0.44, 0.00, 0.20
HSL	225°, 55%, 57%
HSV	225°, 59%, 80%
XYZ	20.8063, 18.5541, 60.2423
YIQ	115.9910, -47.3660, 21.4180

Conversions

Conversions Part 2

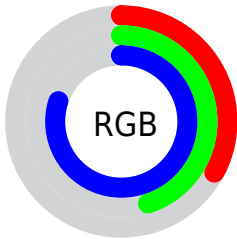
Format	Color
R_{YB}	84, 109, 205
Decimal	5534669
CIE _{Lab}	50.16, 16.16, -50.12
CIE _{LCh}	50, 52.659, 287.873
Yxy	18.5541, 0.2089, 0.1863
Android (android.graphics.Color)	4283724749 (0xFF5473CD)
YUV	115.9910, 43.8814, -28.0561
Hunter-Lab	43.0744, 10.8410, -52.7687

Details

The YUV color **115.9910, 43.8814, -28.0561** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **173.0090, -43.8814, 28.0561**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5570, 42.1234, -24.1675**, and **57.3150, 45.6937, -49.3883** is the 20% darker color. If you saturate the color by 10%, you get **100.9070, 51.3178, -33.2444**, and if you desaturate by 10%, it is **131.0750, 36.4450, -22.8678**.

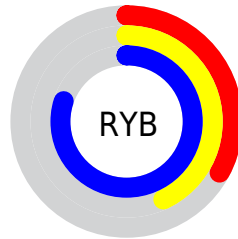
Distribution



Red (33%)

Green (45%)

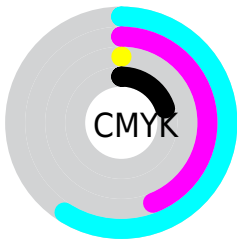
Blue (80%)



Red (33%)

Yellow (43%)

Blue (80%)

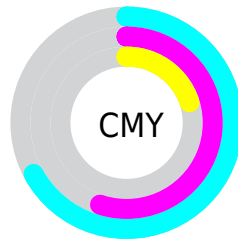


Cyan (59%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9910, 43.8814, -28.0561 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 115.9910, 43.8814, -28.0561 by changing the saturation by 10% instead.

■ 115.9910, 43.8814,
-28.0561

■ 115.9910, 43.8814,
-28.0561

255.0000, 0.0000,
0.0000

■ 89.1430, 43.3135,
-32.5744

■ 169.5570, 42.1234,
-24.1675

■ 57.3150, 45.6937,
-49.3883

■ 194.0770, 30.0350,
-20.2385

■ 41.1380, 40.8510,
-36.0780

■ 218.8960, 17.7993,
-15.6948

■ 26.4340, 35.2820,
-23.1826

■ 244.5900, 5.1321,
-12.7954

■ 8.4360, 32.3231,
-7.3984

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 115.9910, 43.8814,
-28.0561

■ 115.9910, 43.8814,
-28.0561

■ 100.9070, 51.3178,
-33.2444

■ 131.0750, 36.4450,
-22.8678

■ 86.1220, 58.6069,
-37.8180

■ 145.8600, 29.1560,
-18.2942

■ 70.4510, 66.3327,
-42.4915

■ 161.5310, 21.4302,
-13.6207

■ 55.6660, 73.6217,
-47.0651

■ 176.3160, 14.1412,
-9.0471

■ 54.4810, 74.2059,
-47.7798

■ 191.4000, 6.7048,
-3.8588

■ 206.1850, -0.5842,
0.7148

■ 221.8560, -8.3100,
5.3883

■ 236.6410,
-15.5990, 9.9618

■ 247.5390,
-20.9717, 6.5433

Harmonies

Analogous

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



99.9080, 52.7964, -87.6193



115.9910, 43.8814, -28.0561



123.2170, 27.9940, 27.8737

Triad

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



115.9910, 43.8814, -28.0561



116.0730, -30.6020, 62.2030



92.8790, 3.0177, -81.4549

Complementary

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



115.9910, 43.8814, -28.0561



173.0090, -43.8814, 28.0561

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.



104.3520, -24.3305, -36.2657



115.9910, 43.8814, -28.0561



114.7220, -45.2189, 37.0778

Square

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



115.9910, 43.8814, -28.0561



116.3020, -10.9949, 73.4031



110.8660, -43.8109, 5.3795



99.4110, 22.9684, -87.1834

Rectangle

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



115.9910, 43.8814, -28.0561



120.6950, 16.4194, 53.7645



110.8660, -43.8109, 5.3795



90.5820, -3.2449, -79.4404

Sweetspot

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



115.9910, 43.8814, -28.0561



221.2880, 16.6200, -10.7766



165.1730, 3.8587, -71.1887



107.0020, 10.3520, -7.0178



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.



115.9910, 43.8814, -28.0561



121.6360, 65.7485, -41.7768



106.1660, 48.7252, 5.1164



94.3140, 3.7892, -2.0294



43.5780, 60.3540, -38.2179



10.2020, 13.7044, -8.9472

Inverse Universe

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



123.7130, -4.2955, 71.2887



133.3630, -6.5880, 106.6756



182.8340, -48.7252, -5.1164



95.2180, -0.6005, 5.9478



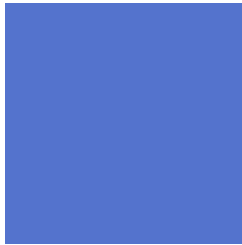
54.4220, -6.1240, 97.8539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 115.9910, 43.8814, -28.0561 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.9910, 43.8814, -28.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

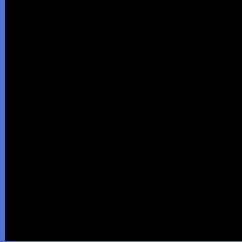
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9910, 43.8814, -28.0561 Background



This preview shows how black text looks on a background with the YUV color 115.9910, 43.8814, -28.0561.



This preview shows how white text looks on a background with the YUV color 115.9910, 43.8814, -28.0561.

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

115.9910, 43.8814, -28.0561

Protanopia

115.1970, 44.7659, -31.7448

Deuteranopia

110.1410, 46.2725, -48.3587



Tritanopia

108.4270, 15.5655, -45.9785

Trichromacy



Original Color

115.9910, 43.8814, -28.0561

Protanomaly

115.7950, 44.4711, -30.5152

Deuteranomaly

112.2560, 45.2298, -40.5665

Tritanomaly

111.2180, 26.0215, -39.6562

Monochromacy



Original Color

115.9910, 43.8814, -28.0561

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0600, 15.7464, -10.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9910, 43.8814, -28.0561 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(84, 115, 205)` looks like.

```
.text, #text, p{  
    color:rgb(84, 115, 205)  
}
```

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(84, 115, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 115, 205) }
```

Border

The CSS property to change the border of an element to YUV 115.9910, 43.8814, -28.0561 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(84, 115, 205) }
```


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

```
.border{ border-color:rgb(84, 115, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 115, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 115, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 115, 205);  
box-shadow:4px 4px 4px 4px rgb(84, 115,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 115.9910, 43.8814, -28.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 115, 205) }
```

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

```
.background{ background-color: rgb(84, 115,  
205) }
```

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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