

Converting Colors

YUV(115.8580, 35.5660,
-20.9235)

Have a look what the booklet for
YUV(115.8580, 35.5660, -20.9235)
contains.

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Color

**YUV(115.8580, 35.5660,
-20.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	5C72BC
RGB	92, 114, 188
RGB Percent	36%, 45%, 74%
CMY	0.6392, 0.5529, 0.2627
CMYK	0.51, 0.39, 0.00, 0.26
HSL	226°, 42%, 55%
HSV	226°, 51%, 74%
XYZ	19.5080, 17.9408, 50.0117
YIQ	115.8580, -36.8660, 18.3500

Conversions

Conversions Part 2

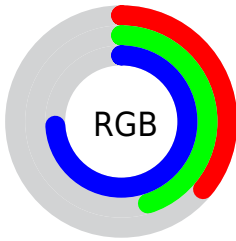
Format	Color
R _Y B	92, 110, 188
Decimal	6058684
CIE Lab	49.42, 12.94, -41.51
CIE LCh	49, 43.481, 287.308
Yxy	17.9408, 0.2230, 0.2051
Android (android.graphics.Color)	4284248764 (0xFF5C72BC)
YUV	115.8580, 35.5660, -20.9235
Hunter-Lab	42.3566, 8.0873, -40.3559

Details

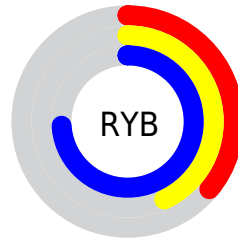
The YUV color **115.8580, 35.5660, -20.9235** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **164.1420, -35.5660, 20.9235**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3250, 37.3078, -19.5790**, and **64.4720, 34.2773, -27.6009** is the 20% darker color. If you saturate the color by 10%, you get **101.9590, 42.4182, -25.3970**, and if you desaturate by 10%, it is **129.7570, 28.7138, -16.4499**.

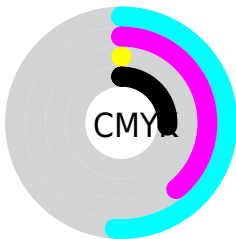
Distribution



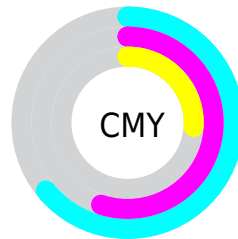
- Red (36%)
- Green (45%)
- Blue (74%)



- Red (36%)
- Yellow (43%)
- Blue (74%)



- Cyan (51%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8580, 35.5660, -20.9235 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 115.8580, 35.5660, -20.9235 by changing the saturation by 10% instead.

■ 115.8580, 35.5660,
-20.9235

■ 115.8580, 35.5660,
-20.9235

■ 255.0000, 0.0000,
0.0000

■ 90.3200, 34.8452,
-23.0826

■ 169.3250, 37.3078,
-19.5790

■ 64.4720, 34.2773,
-27.6009

■ 194.9850, 29.5874,
-16.6498

■ 38.7270, 34.1516,
-33.9636

■ 219.2060, 17.6464,
-13.3357

■ 24.2510, 29.4563,
-21.2681

■ 244.9000, 4.9793,
-10.4363

■ 6.8400, 26.2079,
-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 115.8580, 35.5660,
-20.9235

■ 115.8580, 35.5660,
-20.9235

■ 101.9590, 42.4182,
-25.3970

■ 129.7570, 28.7138,
-16.4499

■ 87.4730, 49.5598,
-29.3558

■ 144.2430, 21.5722,
-12.4911

■ 73.8730, 56.2646,
-33.2146

■ 157.8430, 14.8674,
-8.6323

■ 59.3870, 63.4062,
-37.1734

■ 172.3290, 7.7258,
-4.6735

■ 46.6730, 69.6742,
-40.9322

■ 186.2280, 0.8736,
-0.2000

■ 200.7140, -6.2680,
3.7588

■ 214.6130,
-13.1202, 8.2324

■ 228.8000,
-20.1144, 11.5764

■ 240.9050,
-26.0822, 12.3613

Harmonies

Analogous

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



95.5080, 46.0916, -83.7605



115.8580, 35.5660, -20.9235



121.2180, 23.0635, 22.6108

Triad

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



115.8580, 35.5660, -20.9235



116.3860, -25.3333, 52.2815



90.6450, 4.6120, -79.4957

Complementary

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



115.8580, 35.5660, -20.9235



164.1420, -35.5660, 20.9235

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.



106.1450, -20.2845, -27.3142



115.8580, 35.5660, -20.9235



114.6210, -35.3092, 31.9044

Square

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



115.8580, 35.5660, -20.9235



117.2680, -9.4991, 60.2780



111.7980, -33.9174, 5.4392



95.5640, 20.9209, -83.8096

Rectangle

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



115.8580, 35.5660, -20.9235



120.4180, 13.1049, 43.4834



111.7980, -33.9174, 5.4392



97.6600, -4.7624, -59.3378

Sweetspot

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



115.8580, 35.5660, -20.9235



216.9140, 13.8464, -7.8176



156.7880, 4.5415, -56.8191



105.4430, 8.1626, -4.7735



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



115.8580, 35.5660, -20.9235



132.6450, 55.3910, -33.0147



110.7180, 38.1000, 6.3863



87.2000, 3.3524, -1.9294



39.1440, 58.5960, -34.3293



7.6430, 11.5150, -6.7029

Inverse Universe

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



123.2120, -4.5415, 56.8191



143.8400, -6.8231, 88.7173



169.2820, -38.1000, -6.3863



87.9190, -0.4531, 5.3330



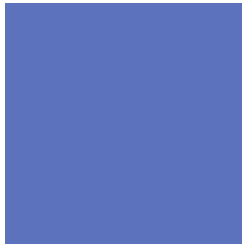
51.3460, -7.5656, 93.5356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 115.8580, 35.5660, -20.9235 looks on a white background.

Color Contrast Check

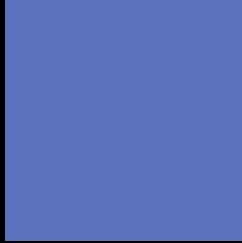
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.8580, 35.5660, -20.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

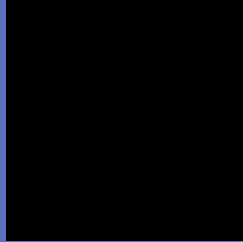
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.8580, 35.5660, -20.9235

Background



This preview shows how black text looks on a background with the YUV color 115.8580, 35.5660, -20.9235.

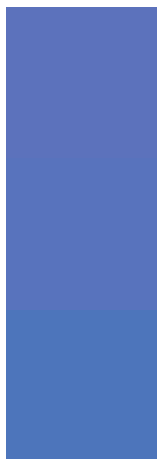


This preview shows how white text looks on a background with the YUV color 115.8580, 35.5660, -20.9235.

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

115.8580, 35.5660, -20.9235

Protanopia

115.3630, 36.3030, -23.9974

Deuteranopia

113.0200, 36.4721, -31.5895



Tritanopia

111.1900, 11.7383, -31.7386

Trichromacy



Original Color

115.8580, 35.5660, -20.9235

Protanomaly

115.6620, 36.1556, -23.3826

Deuteranomaly

113.9280, 36.0245, -28.0009

Tritanomaly

112.8020, 20.3106, -27.8904

Monochromacy



Original Color

115.8580, 35.5660, -20.9235

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6860, 12.9728, -7.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8580, 35.5660, -20.9235 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(92, 114, 188)` looks like.

```
.text, #text, p{  
    color:rgb(92, 114, 188)  
}
```

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(92, 114, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 114, 188) }
```

Border

The CSS property to change the border of an element to YUV 115.8580, 35.5660, -20.9235 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(92, 114, 188) }
```


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

```
.border{ border-color:rgb(92, 114, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 114, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 114, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 114, 188);  
box-shadow:4px 4px 4px 4px rgb(92, 114,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 115.8580, 35.5660, -20.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 114, 188) }
```

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

```
.background{ background-color: rgb(92, 114,  
188) }
```

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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