

Converting Colors

YUV(115.9470, 43.9031,
-35.0335)

Have a look what the booklet for
YUV(115.9470, 43.9031, -35.0335)
contains.

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Color

**YUV(115.9470, 43.9031,
-35.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	4C77CD
RGB	76, 119, 205
RGB Percent	30%, 47%, 80%
CMY	0.7020, 0.5333, 0.1961
CMYK	0.63, 0.42, 0.00, 0.20
HSL	220°, 56%, 55%
HSV	220°, 63%, 80%
XYZ	20.5968, 19.1379, 60.3660
YIQ	115.9470, -53.2340, 17.6300

Conversions

Conversions Part 2

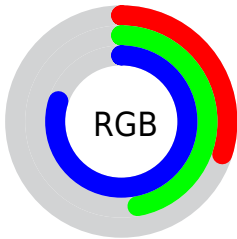
Format	Color
R_{YB}	76, 108, 205
Decimal	5011405
CIE _{Lab}	50.85, 12.19, -49.05
CIE _{LCh}	51, 50.537, 283.953
Yxy	19.1379, 0.2058, 0.1912
Android (android.graphics.Color)	4283201485 (0xFF4C77CD)
YUV	115.9470, 43.9031, -35.0335
Hunter-Lab	43.7469, 7.4836, -51.1910

Details

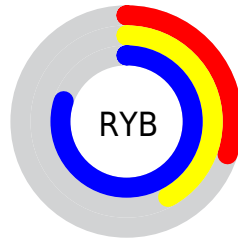
The YUV color **115.9470, 43.9031, -35.0335** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **165.0530, -43.9031, 35.0335**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1110, 41.8503, -29.9153**, and **58.7770, 44.9729, -51.5474** is the 20% darker color. If you saturate the color by 10%, you get **101.4500, 51.0501, -40.7367**, and if you desaturate by 10%, it is **130.4440, 36.7561, -29.3304**.

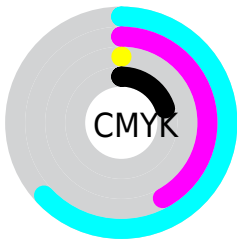
Distribution



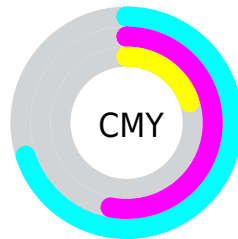
- Red (30%)
- Green (47%)
- Blue (80%)



- Red (30%)
- Yellow (42%)
- Blue (80%)



- Cyan (63%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (70%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9470, 43.9031, -35.0335 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 115.9470, 43.9031, -35.0335 by changing the saturation by 10% instead.

■ 115.9470, 43.9031,
-35.0335

■ 115.9470, 43.9031,
-35.0335

255.0000, 0.0000,
0.0000

■ 88.2020, 43.7774,
-41.3962

■ 170.1110, 41.8503,
-29.9153

■ 58.7770, 44.9729,
-51.5474

■ 194.6310, 29.7619,
-25.9864

■ 43.4860, 39.6934,
-38.1372

■ 219.7380, 17.3842,
-22.5722

■ 28.7820, 34.1245,
-25.2418

■ 245.1440, 4.8590,
-18.5433

■ 9.6100, 31.7443,
-8.4280

254.7010, 0.1474,
-0.6148

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 115.9470, 43.9031,
-35.0335

■ 115.9470, 43.9031,
-35.0335

■ 101.4500, 51.0501,
-40.7367

■ 130.4440, 36.7561,
-29.3304

■ 87.8390, 57.7604,
-46.3398

■ 144.0550, 30.0459,
-23.7272

■ 73.3420, 64.9074,
-52.0429

■ 158.5520, 22.8989,
-18.0241

■ 63.2860, 69.8650,
-55.5018

■ 172.7500, 15.8993,
-12.9358

■ 186.6600, 9.0416,
-6.7178

■ 200.8580, 2.0420,
-1.6295

■ 215.3550, -5.1050,
4.0737

■ 228.9660,
-11.8152, 9.6768

■ 241.6690,
-18.0778, 11.6913

Harmonies

Analogous

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



100.7400, 50.9072, -88.3490



115.9470, 43.9031, -35.0335



124.8140, 29.1787, 21.2111

Triad

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



115.9470, 43.9031, -35.0335



118.5830, -27.4024, 62.6327



93.1240, 1.4179, -81.6697

Complementary

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



115.9470, 43.9031, -35.0335



165.0530, -43.9031, 35.0335

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.



108.2390, -26.2468, -28.2736



115.9470, 43.9031, -35.0335



117.6560, -41.7354, 39.7667

Square

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



115.9470, 43.9031, -35.0335



119.0890, -7.9319, 70.9589



113.9420, -42.3694, 9.6979



99.4280, 20.4950, -87.1984

Rectangle

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



115.9470, 43.9031, -35.0335



123.7050, 17.8934, 47.6167



113.9420, -42.3694, 9.6979



94.4150, -6.6136, -72.2780

Sweetspot

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



115.9470, 43.9031, -35.0335



221.8640, 16.3360, -13.0357



161.5270, 0.2332, -75.0072



107.2900, 10.2100, -8.1473



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.



115.9470, 43.9031, -35.0335



121.2710, 65.9284, -52.8577



96.9850, 53.2514, 0.0132



94.9010, 3.4998, -2.5442



51.2090, 56.5920, -44.9103



11.9630, 12.8362, -10.4916

Inverse Universe

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



119.4730, -0.2332, 75.0072



126.4160, -0.2051, 112.7682



184.0150, -53.2514, -0.0132



95.3320, -0.1637, 5.8478



55.9040, -0.4457, 96.5542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 115.9470, 43.9031, -35.0335 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 115.9470, 43.9031, -35.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

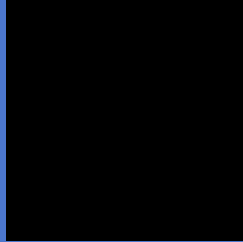
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9470, 43.9031, -35.0335

Background



This preview shows how black text looks on a background with the YUV color 115.9470, 43.9031, -35.0335.



This preview shows how white text looks on a background with the YUV color 115.9470, 43.9031, -35.0335.

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

115.9470, 43.9031, -35.0335

Protanopia

117.6380, 42.5765, -29.5005

Deuteranopia

112.8100, 44.9567, -46.3144



Tritanopia

106.6430, 17.9240, -55.8149

Trichromacy



Original Color

115.9470, 43.9031, -35.0335

Protanomaly

116.7410, 43.0187, -31.3449

Deuteranomaly

114.0170, 44.3616, -42.1109

Tritanomaly

109.9180, 27.6484, -48.1631

Monochromacy



Original Color

115.9470, 43.9031, -35.0335

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7500, 15.8993, -12.9358

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9470, 43.9031, -35.0335 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(76, 119, 205)` looks like.

```
.text, #text, p{  
    color:rgb(76, 119, 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(76, 119, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 119, 205) }
```

Border

The CSS property to change the border of an element to YUV 115.9470, 43.9031, -35.0335 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(76, 119, 205) }
```


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

```
.border{ border-color:rgb(76, 119, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 119, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 119, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 119, 205);  
box-shadow:4px 4px 4px 4px rgb(76, 119,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 115.9470, 43.9031, -35.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 119, 205) }
```

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

```
.background{ background-color: rgb(76, 119,  
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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