

Converting Colors

YUV(115.2220, 46.7256,
-53.6917)

Have a look what the booklet for
YUV(115.2220, 46.7256, -53.6917)
contains.

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Color

**YUV(115.2220, 46.7256,
-53.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	3680D2
RGB	54, 128, 210
RGB Percent	21%, 50%, 82%
CMY	0.7882, 0.4980, 0.1765
CMYK	0.74, 0.39, 0.00, 0.18
HSL	212°, 63%, 52%
HSV	212°, 74%, 82%
XYZ	20.8734, 20.8758, 63.9020
YIQ	115.2220, -70.4260, 9.8140

Conversions

Conversions Part 2

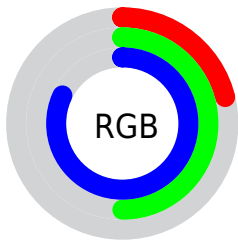
Format	Color
R_{YB}	54, 104, 210
Decimal	3571922
CIE _{Lab}	52.81, 5.05, -48.81
CIE _{LCh}	53, 49.066, 275.912
Yxy	20.8758, 0.1976, 0.1976
Android (android.graphics.Color)	4281762002 (0xFF3680D2)
YUV	115.2220, 46.7256, -53.6917
Hunter-Lab	45.6900, 1.5898, -50.9400

Details

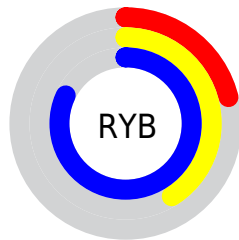
The YUV color **115.2220, 46.7256, -53.6917** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **148.7780, -46.7256, 53.6917**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6100, 41.6043, -44.3850**, and **64.6300, 44.5524, -56.6805** is the 20% darker color. If you saturate the color by 10%, you get **102.4860, 53.0044, -60.9392**, and if you desaturate by 10%, it is **127.9580, 40.4467, -46.4442**.

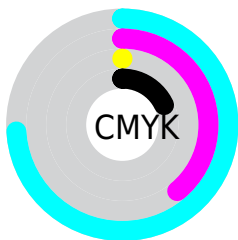
Distribution



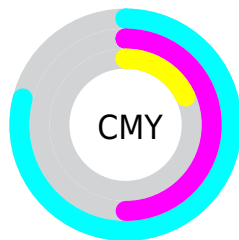
- Red (21%)
- Green (50%)
- Blue (82%)



- Red (21%)
- Yellow (41%)
- Blue (82%)



- Cyan (74%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (79%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2220, 46.7256, -53.6917 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 115.2220, 46.7256, -53.6917 by changing the saturation by 10% instead.

■ 115.2220, 46.7256,
-53.6917

■ 115.2220, 46.7256,
-53.6917

255.0000, 0.0000,
0.0000

■ 81.2090, 49.6900,
-71.2203

■ 170.6100, 41.6043,
-44.3850

■ 64.6300, 44.5524,
-56.6805

■ 196.3150, 28.9317,
-39.7413

■ 48.0510, 39.4149,
-42.1407

■ 221.7210, 16.4065,
-35.7123

■ 33.4610, 34.2827,
-29.3453

■ 241.8440, 6.4859,
-27.0502

■ 17.6970, 29.7294,
-15.5203

■ 250.8140, 2.0637,
-8.6069

■ 9.2050, 22.5769,
-8.0728

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 115.2220, 46.7256,
-53.6917

■ 115.2220, 46.7256,
-53.6917

■ 102.4860, 53.0044,
-60.9392

■ 127.9580, 40.4467,
-46.4442

■ 89.7500, 59.2833,
-68.1867

■ 140.6940, 34.1679,
-39.1966

■ 82.6400, 62.7885,
-72.4753

■ 153.4300, 27.8890,
-31.9491

■ 166.1660, 21.6102,
-24.7016

■ 178.9020, 15.3313,
-17.4541

■ 191.6380, 9.0525,
-10.2065

■ 204.3740, 2.7736,
-2.9590

■ 217.1100, -3.5052,
4.2885

■ 229.8460, -9.7841,
11.5361

Harmonies

Analogous

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



105.3220, 48.1553, -92.3674



115.2220, 46.7256, -53.6917



128.9480, 32.5636, 8.8156

Triad

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



115.2220, 46.7256, -53.6917



123.9730, -22.1717, 64.9217



101.0670, -5.4560, -70.2188

Complementary

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



115.2220, 46.7256, -53.6917



148.7780, -46.7256, 53.6917

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.



116.0510, -31.0841, -16.7077



115.2220, 46.7256, -53.6917



123.1390, -37.5365, 46.3591

Square

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



115.2220, 46.7256, -53.6917



125.3320, -3.1217, 68.1148



120.6980, -42.2491, 17.8049



101.4510, 15.5537, -88.9725

Rectangle

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



115.2220, 46.7256, -53.6917



129.9640, 21.7097, 36.8656



120.6980, -42.2491, 17.8049



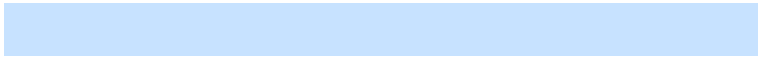
109.1750, -15.8623, -45.7575

Sweetspot

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



115.2220, 46.7256, -53.6917



221.2330, 16.6471, -19.4983



154.8060, -9.7644, -88.4069



107.2680, 10.2209, -11.6360



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.



115.2220, 46.7256, -53.6917



117.2740, 67.8989, -78.2933



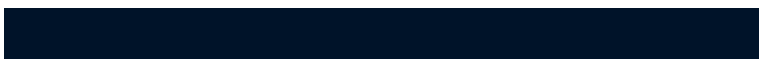
72.6810, 67.6983, -13.7522



98.1890, 3.3578, -3.6738



66.1120, 50.2308, -57.9802



15.8270, 12.4103, -13.8803

Inverse Universe

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



109.0800, 9.3276, 88.5068



108.1850, 13.7128, 128.7568



191.3190, -67.6983, 13.7522



97.8590, 0.5625, 6.2627



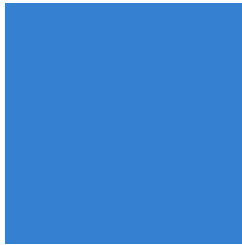
59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 115.2220, 46.7256, -53.6917 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 115.2220, 46.7256, -53.6917 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 115.2220, 46.7256, -53.6917

Background



This preview shows how black text looks on a background with the YUV color 115.2220, 46.7256, -53.6917.



This preview shows how white text looks on a background with the YUV color 115.2220, 46.7256, -53.6917.

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

115.2220, 46.7256, -53.6917

Protanopia

123.0790, 40.3871, -27.2563

Deuteranopia

117.9350, 45.3880, -44.6700



Tritanopia

98.6930, 25.2944, -86.5538

Trichromacy



Original Color

115.2220, 46.7256, -53.6917

Protanomaly

120.2950, 42.7456, -37.0927

Deuteranomaly

117.0270, 45.8357, -48.2587

Tritanomaly

104.8330, 33.1133, -74.3985

Monochromacy



Original Color

115.2220, 46.7256, -53.6917

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.3470, 17.0839, -19.5983

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2220, 46.7256, -53.6917 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(54, 128, 210)` looks like.

```
.text, #text, p{  
    color:rgb(54, 128, 210)  
}
```

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(54, 128, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 128, 210) }
```

Border

The CSS property to change the border of an element to YUV 115.2220, 46.7256, -53.6917 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(54, 128, 210) }
```


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

```
.border{ border-color:rgb(54, 128, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 128, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 128, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 128, 210);  
box-shadow:4px 4px 4px 4px rgb(54, 128,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 115.2220, 46.7256, -53.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 128, 210) }
```

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

```
.background{ background-color: rgb(54, 128,  
210) }
```

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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