

Converting Colors

YUV(68.2110, 46.7310,
-55.4360)

Have a look what the booklet for
YUV(68.2110, 46.7310, -55.4360)
contains.

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Color

**YUV(68.2110, 46.7310,
-55.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	0552A3
RGB	5, 82, 163
RGB Percent	2%, 32%, 64%
CMY	0.9804, 0.6784, 0.3608
CMYK	0.97, 0.50, 0.00, 0.36
HSL	211°, 94%, 33%
HSV	211°, 97%, 64%
XYZ	9.6907, 8.7112, 35.8210
YIQ	68.2110, -71.8930, 8.8670

Conversions

Conversions Part 2

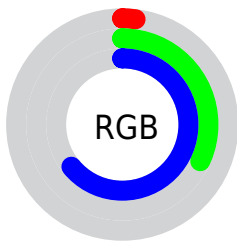
Format	Color
RYB	5, 57, 163
Decimal	348835
CIELab	35.42, 11.94, -49.41
CIELCh	35, 50.829, 283.582
Yxy	8.7112, 0.1787, 0.1607
Android (android.graphics.Color)	4278538915 (0xFF0552A3)
YUV	68.2110, 46.7310, -55.4360
Hunter-Lab	29.5147, 6.9571, -51.2979

Details

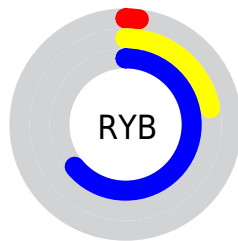
The YUV color **68.2110, 46.7310, -55.4360** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **99.7890, -46.7310, 55.4360**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1750, 44.7767, -35.2335**, and **35.4330, 36.7615, -31.0747** is the 20% darker color. If you saturate the color by 10%, you get **64.9550, 48.3362, -56.9655**, and if you desaturate by 10%, it is **77.6910, 42.0573, -49.7180**.

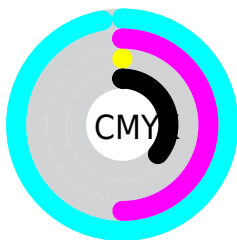
Distribution



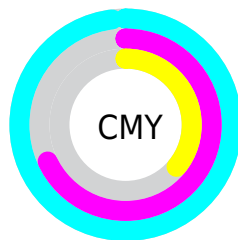
- Red (2%)
- Green (32%)
- Blue (64%)



- Red (2%)
- Yellow (22%)
- Blue (64%)



- Cyan (97%)
- Magenta (50%)
- Yellow (0%)
- Black (36%)



- Cyan (98%)
- Magenta (68%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2110, 46.7310, -55.4360 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 68.2110, 46.7310, -55.4360 by changing the saturation by 10% instead.

■ 68.2110, 46.7310,
-55.4360

■ 68.2110, 46.7310,
-55.4360

■ 255.0000, 0.0000,
0.0000

■ 50.7240, 42.0411,
-44.4849

■ 128.1750, 44.7767,
-35.2335

■ 35.4330, 36.7615,
-31.0747

■ 155.5990, 45.0607,
-32.9743

■ 20.8430, 31.6294,
-18.2793

■ 180.7430, 36.6087,
-28.7156

■ 10.5900, 25.3451,
-9.2874

■ 205.8500, 24.2310,
-25.3014

■ 6.2070, 16.1669,
-5.4435

■ 230.9570, 11.8532,
-21.8873

■ 2.4110, 6.6994,
-2.1144

■ 249.3190, 2.8007,

■ 0.0000, 0.0000,

-11.6808

0.0000

■ 68.2110, 46.7310,
-55.4360

■ 68.2110, 46.7310,
-55.4360

■ 64.9550, 48.3362,
-56.9655

■ 77.6910, 42.0573,
-49.7180

■ 88.0570, 36.9469,
-43.9000

■ 97.5370, 32.2733,
-38.1819

■ 107.0170, 27.5996,
-32.4639

■ 117.3830, 22.4892,
-26.6459

■ 126.8630, 17.8155,
-20.9279

■ 136.3430, 13.1419,
-15.2098

■ 146.4100, 8.1789,
-10.0066

■ 156.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



73.6460, 43.5585, -64.5875



68.2110, 46.7310, -55.4360



85.5750, 28.3105, 19.6667

Triad

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



68.2110, 46.7310, -55.4360



78.2450, -24.7708, 58.5441



65.4260, -3.1680, -57.3786

Complementary

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



68.2110, 46.7310, -55.4360



99.7890, -46.7310, 55.4360

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.



68.6410, -25.9520, -29.5032



68.2110, 46.7310, -55.4360



78.4320, -38.6670, 35.5781

Square

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



68.2110, 46.7310, -55.4360



76.2890, -4.5795, 69.0295



76.1850, -37.5592, 6.8538



71.3880, 14.5987, -62.6073

Rectangle

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



68.2110, 46.7310, -55.4360



82.8080, 18.3357, 45.7724



76.1850, -37.5592, 6.8538



63.2430, -8.9938, -55.4641

Sweetspot

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



68.2110, 46.7310, -55.4360



174.6780, 18.3997, -21.6426



106.7520, -11.2167, -89.2365



84.7840, 10.9525, -12.9656



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



68.2110, 46.7310, -55.4360



84.6290, 62.7939, -74.2196



23.0120, 69.0141, -15.7965



76.3740, 2.7736, -2.9590



58.2070, 42.7889, -51.0475



7.3350, 5.2578, -6.4328

Inverse Universe

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



61.0200, 10.3431, 89.4365



75.1300, 13.7399, 120.0350



144.9880, -69.0141, 15.7965



76.1470, 0.4205, 5.1331



51.4490, 9.6386, 82.0442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 68.2110, 46.7310, -55.4360 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 68.2110, 46.7310, -55.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

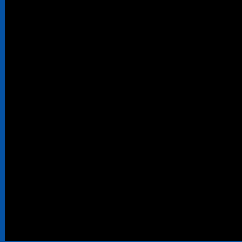
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2110, 46.7310, -55.4360

Background



This preview shows how black text looks on a background with the YUV color 68.2110, 46.7310, -55.4360.



This preview shows how white text looks on a background with the YUV color 68.2110, 46.7310,

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

68.2110, 46.7310, -55.4360

Protanopia

76.3660, 41.7246, -36.2780

Deuteranopia

66.7670, 40.0479, -58.5547



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

68.2110, 46.7310, -55.4360

Protanomaly

73.1910, 43.7828, -43.1405

Deuteranomaly

67.3480, 42.2264, -57.3102

Tritanomaly

66.7490, 27.2387, -56.7849

Monochromacy



Original Color

68.2110, 46.7310, -55.4360

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0480, 17.2313, -20.2131

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2110, 46.7310, -55.4360 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(5, 82, 163)` looks like.

```
.text, #text, p{  
    color:rgb(5, 82, 163)  
}
```

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(5, 82, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 82, 163) }
```

Border

The CSS property to change the border of an element to YUV 68.2110, 46.7310, -55.4360 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(5, 82, 163) }
```


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

```
.border{ border-color:rgb(5, 82, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 82, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 82, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 82, 163);  
box-shadow:4px 4px 4px 4px rgb(5, 82, 163)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.2110, 46.7310, -55.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 82, 163) }
```

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

```
.background{ background-color: rgb(5, 82,  
163) }
```

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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