

Converting Colors

YUV(67.8900, 46.8892,
-59.5395)

Have a look what the booklet for
YUV(67.8900, 46.8892, -59.5395)
contains.

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Color

**YUV(67.8900, 46.8892,
-59.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	0054A3
RGB	0, 84, 163
RGB Percent	0%, 33%, 64%
CMY	1.0000, 0.6706, 0.3608
CMYK	1.00, 0.48, 0.00, 0.36
HSL	209°, 100%, 32%
HSV	209°, 100%, 64%
XYZ	9.7812, 8.9850, 35.8691
YIQ	67.8900, -75.4230, 6.7610

Conversions

Conversions Part 2

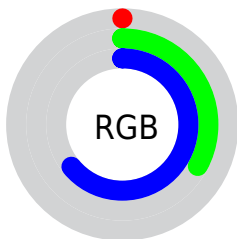
Format	Color
R_{YB}	0, 55, 163
Decimal	21667
CIE _{Lab}	35.96, 10.36, -48.55
CIE _{LCh}	36, 49.644, 282.049
Yxy	8.9850, 0.1790, 0.1645
Android (android.graphics.Color)	4278211747 (0xFF0054A3)
YUV	67.8900, 46.8892, -59.5395
Hunter-Lab	29.9750, 5.7904, -49.9660

Details

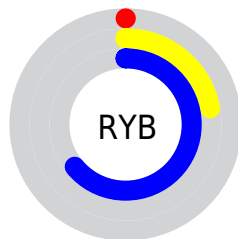
The YUV color **67.8900, 46.8892, -59.5395** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **95.1100, -46.8892, 59.5395**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0500, 44.3453, -36.8779**, and **36.0200, 36.4721, -31.5895** is the 20% darker color. If you saturate the color by 10%, you get **67.8900, 46.8892, -59.5395**, and if you desaturate by 10%, it is **77.3700, 42.2156, -53.8215**.

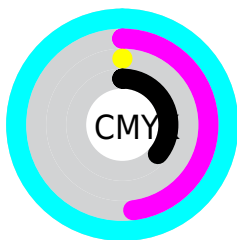
Distribution



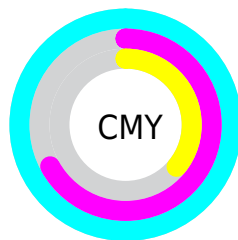
- Red (0%)
- Green (33%)
- Blue (64%)



- Red (0%)
- Yellow (22%)
- Blue (64%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8900, 46.8892, -59.5395 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 67.8900, 46.8892, -59.5395 by changing the saturation by 10% instead.

■ 67.8900, 46.8892,
-59.5395

■ 67.8900, 46.8892,
-59.5395

■ 255.0000, 0.0000,
0.0000

■ 51.3110, 41.7517,
-44.9997

■ 129.0500, 44.3453,
-36.8779

■ 36.0200, 36.4721,
-31.5895

■ 156.4740, 44.6293,
-34.6187

■ 22.0170, 31.0506,
-19.3089

■ 181.9060, 36.0353,
-31.4896

■ 10.5900, 25.3451,
-9.2874

■ 206.7250, 23.7996,
-26.9458

■ 6.2070, 16.1669,
-5.4435

■ 231.8320, 11.4218,
-23.5317

■ 2.4110, 6.6994,
-2.1144

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 67.8900, 46.8892,
-59.5395

■ 77.3700, 42.2156,
-53.8215

■ 87.1490, 37.3945,
-47.4887

■ 96.6290, 32.7209,
-41.7706

■ 106.1090, 28.0473,
-36.0526

■ 115.3010, 23.5156,
-29.2050

■ 124.7810, 18.8420,
-23.4869

■ 134.2610, 14.1683,
-17.7689

■ 143.7410, 9.4947,
-12.0509

■ 153.5200, 4.6736,
-5.7180

Harmonies

Analogous

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



74.5920, 42.1061, -65.4172



67.8900, 46.8892, -59.5395



86.8520, 28.1740, 16.7928

Triad

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



67.8900, 46.8892, -59.5395



79.7010, -23.0236, 58.1442



65.8990, -3.8942, -57.7934

Complementary

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



67.8900, 46.8892, -59.5395



95.1100, -46.8892, 59.5395

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.



71.4350, -26.8365, -25.8145



67.8900, 46.8892, -59.5395



79.9160, -39.3986, 36.9077

Square

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



67.8900, 46.8892, -59.5395



78.3920, -4.1373, 67.1852



77.9680, -38.4382, 8.7981



71.8610, 13.8725, -63.0221

Rectangle

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



67.8900, 46.8892, -59.5395



85.1990, 18.6359, 42.7985



77.9680, -38.4382, 8.7981



63.8300, -9.2832, -55.9789

Sweetspot

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



67.8900, 46.8892, -59.5395



174.6670, 18.4052, -23.3870



104.6870, -12.6637, -91.8105



84.4850, 11.0999, -13.5803



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.



67.8900, 46.8892, -59.5395



88.1510, 61.0576, -77.3084



20.3430, 70.3299, -17.8408



76.9610, 2.4842, -3.4738



60.5550, 41.6314, -53.1067



7.3350, 5.2578, -6.4328

Inverse Universe

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



58.3130, 12.6637, 91.8105



75.8140, 16.3607, 119.4351



142.6570, -70.3299, 17.8408



76.2610, 0.8573, 5.0331



51.9050, 11.3858, 81.6443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 67.8900, 46.8892, -59.5395 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 67.8900, 46.8892, -59.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

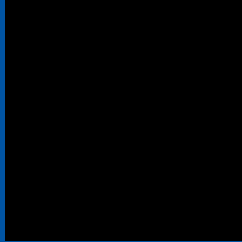
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8900, 46.8892, -59.5395

Background



This preview shows how black text looks on a background with the YUV color 67.8900, 46.8892, -59.5395.



This preview shows how white text looks on a background with the YUV color 67.8900, 46.8892,

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

67.8900, 46.8892, -59.5395

Protanopia

78.7470, 40.5507, -33.1041

Deuteranopia

67.6960, 41.0689, -59.3694



Tritanopia

66.5780, 16.4770, -58.3889

Trichromacy



Original Color

67.8900, 46.8892, -59.5395

Protanomaly

74.9630, 42.9092, -42.9406

Deuteranomaly

67.5650, 43.1055, -59.2545

Tritanomaly

66.8520, 27.6810, -58.6292

Monochromacy



Original Color

67.8900, 46.8892, -59.5395

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0370, 17.2368, -21.9574

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8900, 46.8892, -59.5395 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(0, 84, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 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(0, 84, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 163) }
```

Border

The CSS property to change the border of an element to YUV 67.8900, 46.8892, -59.5395 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(0, 84, 163) }
```


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

```
.border{ border-color:rgb(0, 84, 163) }
```

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

Here you see how a box with a 4 pixel rgb(0, 84, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 84, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 84, 163)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8900, 46.8892, -59.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 163) }
```

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

```
.background{ background-color: rgb(0, 84,  
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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