

Converting Colors

YUV(68.0890, 34.9591,
-59.7141)

Have a look what the booklet for
YUV(68.0890, 34.9591, -59.7141)
contains.

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Color

**YUV(68.0890, 34.9591,
-59.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	00598B
RGB	0, 89, 139
RGB Percent	0%, 35%, 55%
CMY	1.0000, 0.6510, 0.4549
CMYK	1.00, 0.36, 0.00, 0.45
HSL	202°, 100%, 27%
HSV	202°, 100%, 55%
XYZ	8.2326, 9.0088, 25.7311
YIQ	68.0890, -69.0940, -3.3180

Conversions

Conversions Part 2

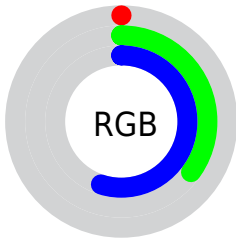
Format	Color
RYB	0, 54, 139
Decimal	22923
CIELab	36.00, -2.92, -33.99
CIELCh	36, 34.118, 265.094
Yxy	9.0088, 0.1916, 0.2096
Android (android.graphics.Color)	4278213003 (0xFF00598B)
YUV	68.0890, 34.9591, -59.7141
Hunter-Lab	30.0147, -3.5660, -29.8179

Details

The YUV color **68.0890, 34.9591, -59.7141** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **70.9110, -34.9591, 59.7141**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5150, 32.2841, -41.6707**, and **35.9740, 26.1418, -31.5492** is the 20% darker color. If you saturate the color by 10%, you get **68.0890, 34.9591, -59.7141**, and if you desaturate by 10%, it is **75.2100, 31.4485, -53.6812**.

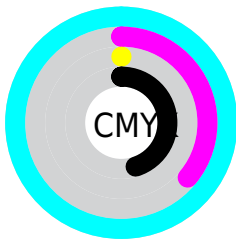
Distribution



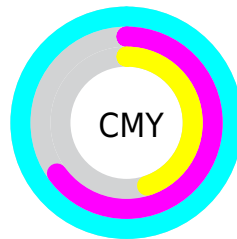
- Red (0%)
- Green (35%)
- Blue (55%)



- Red (0%)
- Yellow (21%)
- Blue (55%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0890, 34.9591, -59.7141 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 68.0890, 34.9591, -59.7141 by changing the saturation by 10% instead.

68.0890, 34.9591,
-59.7141

68.0890, 34.9591,
-59.7141

255.0000, 0.0000,
0.0000

51.6240, 30.2584,
-45.2742

127.5150, 32.2841,
-41.6707

35.9740, 26.1418,
-31.5492

154.6400, 32.7155,
-40.0263

21.4980, 21.4465,
-18.8537

182.1670, 33.4417,
-39.6115

6.5490, 17.4773,
-5.7435

207.8440, 23.2479,
-36.6972

2.9810, 8.8834,
-2.6143

232.9510, 10.8702,
-33.2830

0.0000, 0.0000,
0.0000

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 68.0890, 34.9591,
-59.7141

■ 75.2100, 31.4485,
-53.6812

■ 82.3310, 27.9378,
-47.6483

■ 89.4520, 24.4272,
-41.6154

■ 96.5730, 20.9165,
-35.5825

■ 103.6940, 17.4059,
-29.5496

■ 110.5160, 14.0426,
-24.1315

■ 117.6370, 10.5320,
-18.0986

■ 124.7580, 7.0213,
-12.0658

■ 131.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



70.4710, 28.8548, -61.8031



68.0890, 34.9591, -59.7141



85.2700, 24.0239, -5.4988

Triad

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



68.0890, 34.9591, -59.7141



84.5280, -10.6133, 44.2639



74.5500, -11.1171, -27.6693

Complementary

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



68.0890, 34.9591, -59.7141



70.9110, -34.9591, 59.7141

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.



79.5010, -23.4180, -2.1934



68.0890, 34.9591, -59.7141



83.3130, -21.3533, 35.6825

Square

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



68.0890, 34.9591, -59.7141



85.5350, 2.2012, 40.7498



82.4220, -26.8300, 18.9239



66.5320, 6.1467, -58.3486

Rectangle

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



68.0890, 34.9591, -59.7141



87.3820, 17.5597, 14.5740



82.4220, -26.8300, 18.9239



76.9380, -16.2384, -18.3626

Sweetspot

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



68.0890, 34.9591, -59.7141



153.7010, 13.4584, -23.4168



87.1790, -18.8222, -76.4560



75.0890, 8.3371, -14.1101



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



68.0890, 34.9591, -59.7141



88.7260, 45.4911, -77.8127



28.1730, 54.6377, -24.7077



65.1460, 1.9000, -2.7590



65.0570, 33.4959, -57.0550



2.3310, 1.3158, -2.0443

Inverse Universe

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



51.7070, 18.3854, 76.5560



67.3430, 23.9879, 99.6772



110.8270, -54.6377, 24.7077



64.5490, 0.7153, 3.9035



49.4570, 17.5227, 73.2672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 68.0890, 34.9591, -59.7141 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 68.0890, 34.9591, -59.7141 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 68.0890, 34.9591, -59.7141 Background



This preview shows how black text looks on a background with the YUV color 68.0890, 34.9591, -59.7141.



This preview shows how white text looks on a background with the YUV color 68.0890, 34.9591,

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



Protanopia

83.7310, 24.7826, -15.5501

Deuteranopia

80.5060, 29.3305, -27.6308

Tritanopia

66.6920, 16.9138, -58.4889

Trichromacy



Protanomaly

77.9570, 28.6152, -31.5343

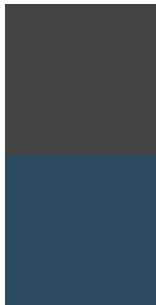
Deuteranomaly

75.7110, 31.6945, -39.2115

Tritanomaly

67.1140, 23.6078, -58.8590

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1850, 12.7268, -22.0872

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0890, 34.9591, -59.7141 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, 89, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 139)  
}
```

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, 89, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 139) }
```

Border

The CSS property to change the border of an element to YUV 68.0890, 34.9591, -59.7141 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, 89, 139) }
```

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

```
.border{ border-color:rgb(0, 89, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 139)  
}
```


Background

The CSS property to change the background color of an element to YUV 68.0890, 34.9591, -59.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 139) }
```

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

```
.background{ background-color: rgb(0, 89,  
139) }
```

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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