

Converting Colors

YUV(67.9120, 26.6654,
-59.5588)

Have a look what the booklet for
YUV(67.9120, 26.6654, -59.5588)
contains.

| | |
|--|----|
| YUV(67.9120, 26.6654, -59.5588) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(67.9120, 26.6654,
-59.5588)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 005C7A |
| RGB | 0, 92, 122 |
| RGB Percent | 0%, 36%, 48% |
| CMY | 1.0000, 0.6392, 0.5216 |
| CMYK | 1.00, 0.25, 0.00, 0.52 |
| HSL | 195°, 100%, 24% |
| HSV | 195°, 100%, 48% |
| XYZ | 7.3400, 9.0594, 19.7741 |
| YIQ | 67.9120, -64.4620, -10.1740 |

Conversions

Conversions Part 2

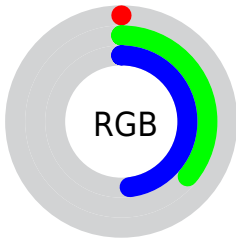
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 52, 122 |
| Decimal | 23674 |
| CIELab | 36.10, -11.64, -23.43 |
| CIELCh | 36, 26.166, 243.588 |
| Yxy | 9.0594, 0.2029, 0.2504 |
| Android (android.graphics.Color) | 4278213754 (0xFF005C7A) |
| YUV | 67.9120, 26.6654, -59.5588 |
| Hunter-Lab | 30.0989, -9.1436, -17.8827 |

Details

The YUV color **67.9120, 26.6654, -59.5588** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **54.0880, -26.6654, 59.5588**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0280, 24.1432, -43.8746**, and **35.3240, 18.5743, -30.9791** is the 20% darker color. If you saturate the color by 10%, you get **67.9120, 26.6654, -59.5588**, and if you desaturate by 10%, it is **73.2610, 24.0283, -53.7259**.

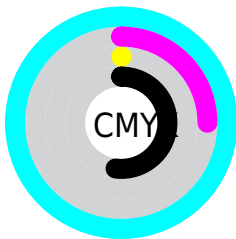
Distribution



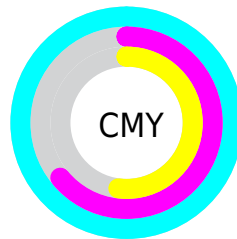
- Red (0%)
- Green (36%)
- Blue (48%)



- Red (0%)
- Yellow (20%)
- Blue (48%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9120, 26.6654, -59.5588 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 67.9120, 26.6654, -59.5588 by changing the saturation by 10% instead.

67.9120, 26.6654,
-59.5588

67.9120, 26.6654,
-59.5588

255.0000, 0.0000,
0.0000

50.9740, 22.6908,
-44.7042

126.0280, 24.1432,
-43.8746

35.3240, 18.5743,
-30.9791

153.3270, 23.9958,
-43.2598

20.9620, 14.3157,
-18.3837

180.7400, 24.2852,
-42.7450

4.4800, 12.0884,
-3.9290

208.3980, 22.9748,
-42.4450

0.0000, 0.0000,
0.0000

233.7930, 10.4551,
-40.1605

243.6380, 5.6015,

-23.3615

■ 252.6080, 1.1793,
-4.9182

■ 67.9120, 26.6654,
-59.5588

■ 73.2610, 24.0283,
-53.7259

■ 78.6100, 21.3913,
-47.8930

■ 84.2580, 18.6068,
-41.4453

■ 89.6070, 15.9697,
-35.6123

■ 94.9560, 13.3327,
-29.7794

■ 100.3050, 10.6956,
-23.9465

■ 105.6540, 8.0586,
-18.1136

■ 111.3020, 5.2741,
-11.6659

■ 116.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



67.9630, 19.2452, -59.6036



67.9120, 26.6654, -59.5588



81.7040, 22.3309, -22.5424

Triad

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



67.9120, 26.6654, -59.5588



86.4540, -1.7028, 32.9278



80.5420, -15.5502, -5.7373

Complementary

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



67.9120, 26.6654, -59.5588



54.0880, -26.6654, 59.5588

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.



83.3870, -20.4038, 11.0616



67.9120, 26.6654, -59.5588



85.9350, -11.3070, 33.3830

Square

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



67.9120, 26.6654, -59.5588



87.3200, 8.2232, 22.5214



84.4580, -17.9738, 25.0313



76.7550, -5.3022, -26.0951

Rectangle

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



67.9120, 26.6654, -59.5588



85.4890, 18.4929, -4.8139



84.4580, -17.9738, 25.0313



81.5920, -18.0399, -0.5192

Sweetspot

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



67.9120, 26.6654, -59.5588



136.9030, 10.4008, -22.7169



74.8060, -23.0754, -65.6049



66.5190, 6.1531, -13.6102



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



67.9120, 26.6654, -59.5588



87.8650, 34.5766, -77.0576



33.2790, 43.7395, -29.1857



58.6190, 1.1738, -3.1739



69.4280, 27.3970, -60.8884



140.2580, 55.0888, -123.0063

Inverse Universe

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



46.9660, 22.2018, 65.8048



60.8080, 28.6887, 85.2374



88.7210, -43.7395, 29.1857



57.3640, 1.2995, 3.1888



48.0910, 22.6331, 67.4492



97.0080, 45.8451, 135.9280

Previews

White Background



This preview shows how the YUV color 67.9120, 26.6654, -59.5588 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 67.9120, 26.6654, -59.5588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

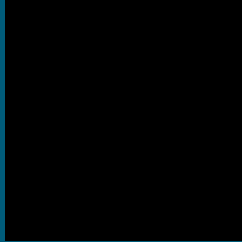
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9120, 26.6654, -59.5588

Background



This preview shows how black text looks on a background with the YUV color 67.9120, 26.6654, -59.5588.



This preview shows how white text looks on a background with the YUV color 67.9120, 26.6654,

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

67.9120, 26.6654, -59.5588

Protanopia

85.2560, 15.1568, -8.1175

Deuteranopia

84.0750, 19.6830, -13.2208



Tritanopia

67.3930, 17.0613, -59.1037

Trichromacy



Original Color

67.9120, 26.6654, -59.5588

Protanomaly

78.8730, 19.2896, -27.0756

Deuteranomaly

78.2470, 22.0632, -30.0346

Tritanomaly

67.6040, 20.4082, -59.2887

Monochromacy



Original Color

67.9120, 26.6654, -59.5588

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0880, 9.8166, -22.0022

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9120, 26.6654, -59.5588 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, 92, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 122)  
}
```

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, 92, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 122) }
```

Border

The CSS property to change the border of an element to YUV 67.9120, 26.6654, -59.5588 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, 92, 122) }
```


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

```
.border{ border-color:rgb(0, 92, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 92, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 92, 122)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.9120, 26.6654, -59.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 122) }
```

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

```
.background{ background-color: rgb(0, 92,  
122) }
```

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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