

Converting Colors

YUV(67.0290, 35.9747,
-58.7844)

Have a look what the booklet for
YUV(67.0290, 35.9747, -58.7844)
contains.

YUV(67.0290, 35.9747, -58.7844)	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(67.0290, 35.9747,
-58.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	00578C
RGB	0, 87, 140
RGB Percent	0%, 34%, 55%
CMY	1.0000, 0.6588, 0.4510
CMYK	1.00, 0.38, 0.00, 0.45
HSL	203°, 100%, 27%
HSV	203°, 100%, 55%
XYZ	8.1418, 8.7098, 26.0630
YIQ	67.0290, -68.8650, -1.9610

Conversions

Conversions Part 2

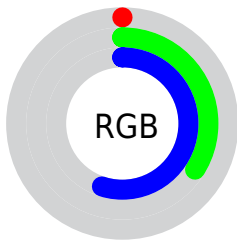
Format	Color
RYB	0, 54, 140
Decimal	22412
CIELab	35.42, -1.23, -35.53
CIELCh	35, 35.547, 268.023
Yxy	8.7098, 0.1897, 0.2030
Android (android.graphics.Color)	4278212492 (0xFF00578C)
YUV	67.0290, 35.9747, -58.7844
Hunter-Lab	29.5124, -2.4026, -31.7014

Details

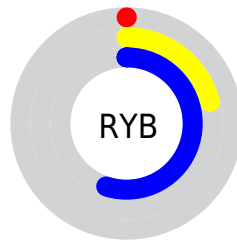
The YUV color **67.0290, 35.9747, -58.7844** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **72.9710, -35.9747, 58.7844**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8680, 33.5891, -40.2262**, and **34.8000, 26.7206, -30.5196** is the 20% darker color. If you saturate the color by 10%, you get **67.0290, 35.9747, -58.7844**, and if you desaturate by 10%, it is **74.1500, 32.4641, -52.7516**.

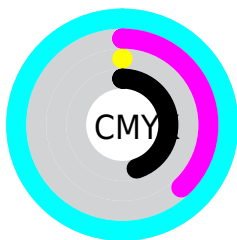
Distribution



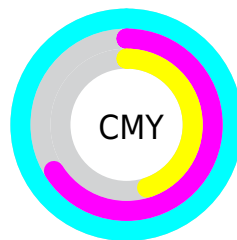
- Red (0%)
- Green (34%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0290, 35.9747, -58.7844 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 67.0290, 35.9747, -58.7844 by changing the saturation by 10% instead.

67.0290, 35.9747,
-58.7844

67.0290, 35.9747,
-58.7844

255.0000, 0.0000,
0.0000

50.5640, 31.2739,
-44.3446

125.8680, 33.5891,
-40.2262

34.8000, 26.7206,
-30.5196

153.5800, 33.7311,
-39.0967

20.4380, 22.4621,
-17.9241

181.4060, 34.3098,
-38.0671

6.6630, 17.9141,
-5.8435

206.0830, 24.1161,
-35.1528

2.9810, 8.8834,
-2.6143

231.7770, 11.4489,
-32.2534

0.0000, 0.0000,
0.0000

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 67.0290, 35.9747,
-58.7844

■ 74.1500, 32.4641,
-52.7516

■ 81.8580, 28.6640,
-47.2335

■ 88.9790, 25.1534,
-41.2006

■ 96.1000, 21.6427,
-35.1677

■ 103.8080, 17.8427,
-29.6496

■ 110.9290, 14.3320,
-23.6167

■ 118.0500, 10.8213,
-17.5839

■ 125.1710, 7.3107,
-11.5510

■ 132.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



70.1120, 30.0178, -61.4882



67.0290, 35.9747, -58.7844



84.6940, 24.3079, -3.2396

Triad

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



67.0290, 35.9747, -58.7844



82.4850, -12.0711, 45.1787



71.8590, -9.7905, -33.2023

Complementary

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



67.0290, 35.9747, -58.7844



72.9710, -35.9747, 58.7844

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.



77.1910, -23.2652, -4.5525



67.0290, 35.9747, -58.7844



81.5580, -22.9531, 35.4676

Square

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



67.0290, 35.9747, -58.7844



83.6170, 1.1748, 43.3089



80.0690, -28.1350, 17.4795



66.0590, 6.8729, -57.9337

Rectangle

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



67.0290, 35.9747, -58.7844



86.4040, 17.5488, 18.0627



80.0690, -28.1350, 17.4795



74.2580, -14.9172, -22.1513

Sweetspot

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



67.0290, 35.9747, -58.7844



152.5270, 14.0372, -22.3872



87.9940, -18.2380, -77.1707



74.5020, 8.6265, -13.5953



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.



67.0290, 35.9747, -58.7844



86.9650, 46.3593, -76.2683



27.1130, 55.6533, -23.7781



65.1460, 1.9000, -2.7590



63.2960, 34.3641, -55.5106



2.3310, 1.3158, -2.0443

Inverse Universe

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



51.7780, 17.3644, 77.3707



67.0010, 22.6775, 99.9771



112.8870, -55.6533, 23.7781



64.5490, 0.7153, 3.9035



49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 67.0290, 35.9747, -58.7844 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 67.0290, 35.9747, -58.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

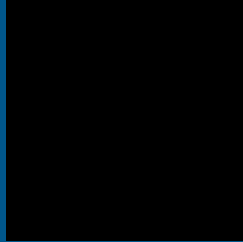
Any Text WCAG AA × Fail

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 67.0290, 35.9747, -58.7844 Background



This preview shows how black text looks on a background with the YUV color 67.0290, 35.9747, -58.7844.



This preview shows how white text looks on a background with the YUV color 67.0290, 35.9747,

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

67.0290, 35.9747, -58.7844

Protanopia

82.0620, 26.0984, -17.5944

Deuteranopia

78.2390, 30.9412, -30.9046



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

67.0290, 35.9747, -58.7844

Protanomaly

76.5870, 29.7836, -32.9638

Deuteranomaly

74.0420, 33.0103, -41.2558

Tritanomaly

66.4130, 23.4604, -58.2442

Monochromacy



Original Color

67.0290, 35.9747, -58.7844

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0110, 13.3056, -21.0576

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0290, 35.9747, -58.7844 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, 87, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 140)  
}
```

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, 87, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 140) }
```

Border

The CSS property to change the border of an element to YUV 67.0290, 35.9747, -58.7844 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, 87, 140) }
```


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

```
.border{ border-color:rgb(0, 87, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 140)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0290, 35.9747, -58.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 140) }
```

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

```
.background{ background-color: rgb(0, 87,  
140) }
```

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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