

Converting Colors

YUV(68.3510, 34.3370,
-46.7888)

Have a look what the booklet for
YUV(68.3510, 34.3370, -46.7888)
contains.

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Color

**YUV(68.3510, 34.3370,
-46.7888)**

Conversions

Conversions Part 1

Format	Color
Hex	0F528A
RGB	15, 82, 138
RGB Percent	6%, 32%, 54%
CMY	0.9412, 0.6784, 0.4588
CMYK	0.89, 0.41, 0.00, 0.46
HSL	207°, 80%, 30%
HSV	207°, 89%, 54%
XYZ	7.8017, 7.9711, 25.1721
YIQ	68.3510, -57.9080, 3.2120

Conversions

Conversions Part 2

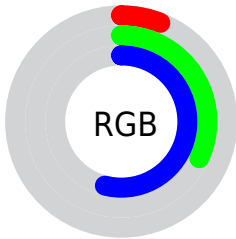
Format	Color
R_{YB}	15, 58, 138
Decimal	1004170
CIE _{Lab}	33.92, 2.11, -36.68
CIE _{LCh}	34, 36.736, 273.298
Y _{xy}	7.9711, 0.1905, 0.1947
Android (android.graphics.Color)	4279194250 (0xFF0F528A)
YUV	68.3510, 34.3370, -46.7888
Hunter-Lab	28.2332, -0.0827, -33.0986

Details

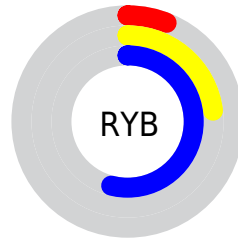
The YUV color **68.3510, 34.3370, -46.7888** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84.6490, -34.3370, 46.7888**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.9010, 33.5728, -34.9932**, and **32.2240, 27.0046, -28.2604** is the 20% darker color. If you saturate the color by 10%, you get **60.6430, 38.1370, -52.3069**, and if you desaturate by 10%, it is **76.0590, 30.5369, -41.2707**.

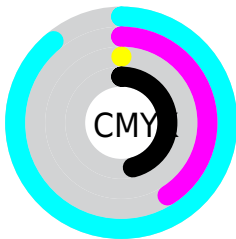
Distribution



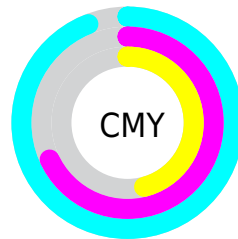
- Red (6%)
- Green (32%)
- Blue (54%)



- Red (6%)
- Yellow (23%)
- Blue (54%)



- Cyan (89%)
- Magenta (41%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (68%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3510, 34.3370, -46.7888 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 68.3510, 34.3370, -46.7888 by changing the saturation by 10% instead.

■ 68.3510, 34.3370,
-46.7888

■ 68.3510, 34.3370,
-46.7888

■ 255.0000, 0.0000,
0.0000

■ 47.4010, 31.8473,
-41.5707

■ 123.9010, 33.5728,
-34.9932

■ 32.2240, 27.0046,
-28.2604

■ 150.7270, 34.1516,
-33.9636

■ 17.2750, 23.0354,
-15.1502

■ 178.2540, 34.8778,
-33.5488

■ 6.4350, 17.0405,
-5.6435

■ 203.4580, 25.4102,
-30.2197

■ 2.7530, 8.0098,
-2.4144

■ 229.1520, 12.7431,
-27.3203

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 68.3510, 34.3370,
-46.7888

■ 68.3510, 34.3370,
-46.7888

■ 60.6430, 38.1370,
-52.3069

■ 76.0590, 30.5369,
-41.2707

■ 59.7570, 38.5738,
-52.4069

■ 84.3540, 26.4475,
-36.2675

■ 91.7630, 22.7948,
-31.3642

■ 99.4710, 18.9948,
-25.8461

■ 107.1790, 15.1948,
-20.3280

■ 115.4740, 11.1053,
-15.3247

■ 123.1820, 7.3053,
-9.8066

■ 130.5910, 3.6526,
-4.9033

■ 138.8860, -0.4368,
0.1000

Harmonies

Analogous

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



67.7640, 31.1753, -59.4290



68.3510, 34.3370, -46.7888



81.7980, 23.2706, 2.8082

Triad

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



68.3510, 34.3370, -46.7888



78.5020, -14.5445, 45.1637



63.8190, -5.8268, -44.5683

Complementary

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



68.3510, 34.3370, -46.7888



84.6490, -34.3370, 46.7888

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.



72.7990, -22.0859, -9.4707



68.3510, 34.3370, -46.7888



78.2650, -25.2736, 33.0936

Square

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



68.3510, 34.3370, -46.7888



79.4710, -0.7252, 46.0679



75.7050, -29.4346, 14.2907



64.5260, 8.6147, -56.5893

Rectangle

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



68.3510, 34.3370, -46.7888



82.0950, 16.2222, 23.5957



75.7050, -29.4346, 14.2907



69.0830, -12.8589, -29.0138

Sweetspot

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



68.3510, 34.3370, -46.7888



151.4350, 13.5895, -18.7985



93.4710, -11.5712, -68.8191



72.9970, 7.8895, -10.5214



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



68.3510, 34.3370, -46.7888



77.3450, 50.1159, -67.8316



32.5440, 51.9898, -15.3861



65.1460, 1.9000, -2.7590



57.4260, 37.2580, -50.3626



2.3310, 1.3158, -2.0443

Inverse Universe

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



59.4150, 11.1344, 68.9190



64.5790, 15.9836, 100.3472



120.4560, -51.9898, 15.3861



64.5490, 0.7153, 3.9035



47.9750, 11.8443, 74.5669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 68.3510, 34.3370, -46.7888 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 68.3510, 34.3370, -46.7888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

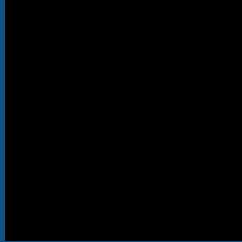
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3510, 34.3370, -46.7888

Background



This preview shows how black text looks on a background with the YUV color 68.3510, 34.3370, -46.7888.



This preview shows how white text looks on a background with the YUV color 68.3510, 34.3370,

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

68.3510, 34.3370, -46.7888

Protanopia

77.8060, 27.7036, -19.1239

Deuteranopia

73.1460, 31.9730, -35.2080



Tritanopia

63.0730, 15.7400, -55.3150

Trichromacy



Original Color

68.3510, 34.3370, -46.7888

Protanomaly

74.0220, 30.0622, -28.9603

Deuteranomaly

71.0530, 33.0049, -39.5115

Tritanomaly

64.6310, 22.8599, -52.2964

Monochromacy



Original Color

68.3510, 34.3370, -46.7888

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1040, 12.2737, -16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3510, 34.3370, -46.7888 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(15, 82, 138)` looks like.

```
.text, #text, p{  
    color:rgb(15, 82, 138)  
}
```

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(15, 82, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 82, 138) }
```

Border

The CSS property to change the border of an element to YUV 68.3510, 34.3370, -46.7888 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(15, 82, 138) }
```


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

```
.border{ border-color:rgb(15, 82, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 82, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 82, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 82, 138);  
box-shadow:4px 4px 4px 4px rgb(15, 82,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 68.3510, 34.3370, -46.7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 82, 138) }
```

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

```
.background{ background-color: rgb(15, 82,  
138) }
```

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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