

Converting Colors

YUV(68.5450, 40.1573,
-46.9590)

Have a look what the booklet for
YUV(68.5450, 40.1573, -46.9590)
contains.

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Color

**YUV(68.5450, 40.1573,
-46.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5096
RGB	15, 80, 150
RGB Percent	6%, 31%, 59%
CMY	0.9412, 0.6863, 0.4118
CMYK	0.90, 0.47, 0.00, 0.41
HSL	211°, 82%, 32%
HSV	211°, 90%, 59%
XYZ	8.5707, 8.0409, 29.9545
YIQ	68.5450, -61.2100, 7.9900

Conversions

Conversions Part 2

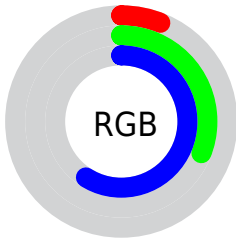
Format	Color
R_{YB}	15, 59, 150
Decimal	1003670
CIE _{Lab}	34.07, 8.40, -43.75
CIE _{LCh}	34, 44.552, 280.873
Yxy	8.0409, 0.1841, 0.1727
Android (android.graphics.Color)	4279193750 (0xFF0F5096)
YUV	68.5450, 40.1573, -46.9590
Hunter-Lab	28.3565, 4.3275, -42.7818

Details

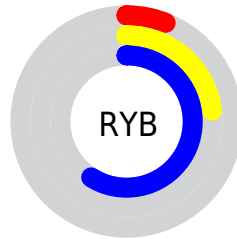
The YUV color **68.5450, 40.1573, -46.9590** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.4550, -40.1573, 46.9590**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1060, 39.3877, -33.4190**, and **32.8910, 32.0987, -28.8454** is the 20% darker color. If you saturate the color by 10%, you get **59.3640, 44.6835, -52.0622**, and if you desaturate by 10%, it is **77.7260, 35.6311, -41.8557**.

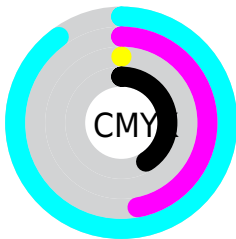
Distribution



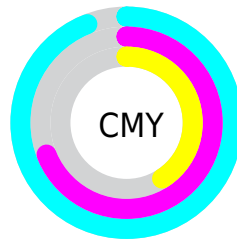
- Red (6%)
- Green (31%)
- Blue (59%)



- Red (6%)
- Yellow (23%)
- Blue (59%)



- Cyan (90%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5450, 40.1573, -46.9590 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 68.5450, 40.1573, -46.9590 by changing the saturation by 10% instead.

■ 68.5450, 40.1573,
-46.9590

■ 68.5450, 40.1573,
-46.9590

■ 255.0000, 0.0000,
0.0000

■ 48.1820, 37.3783,
-42.2556

■ 125.1060, 39.3877,
-33.4190

■ 32.8910, 32.0987,
-28.8454

■ 151.6440, 40.1085,
-31.2598

■ 17.8280, 27.6928,
-15.6352

■ 178.6720, 37.6297,
-29.5303

■ 8.1620, 21.1191,
-7.1581

■ 203.7790, 25.2520,
-26.1162

■ 4.4800, 12.0884,
-3.9290

■ 228.8860, 12.8742,
-22.7020

■ 0.0000, 0.0000,
0.0000

■ 248.1230, 3.3904,

-14.1399

■ 68.5450, 40.1573,
-46.9590

■ 68.5450, 40.1573,
-46.9590

■ 59.3640, 44.6835,
-52.0622

■ 77.7260, 35.6311,
-41.8557

■ 86.9070, 31.1048,
-36.7524

■ 95.5010, 26.8680,
-31.1344

■ 104.6820, 22.3418,
-26.0311

■ 113.8630, 17.8155,
-20.9279

■ 123.0440, 13.2893,
-15.8246

■ 131.6380, 9.0525,
-10.2065

■ 140.8190, 4.5262,
-5.1033

■ 150.0000, 0.0000,
0.0000

Harmonies

Analogous

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



69.5880, 38.1641, -61.0287



68.5450, 40.1573, -46.9590



82.7330, 25.2746, 13.3892

Triad

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



68.5450, 40.1573, -46.9590



76.3520, -20.3865, 52.3113



62.1490, -3.0315, -54.5047

Complementary

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



68.5450, 40.1573, -46.9590



96.4550, -40.1573, 46.9590

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.



69.2660, -23.7951, -21.2813



68.5450, 40.1573, -46.9590



75.9310, -35.4620, 34.2635

Square

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



68.5450, 40.1573, -46.9590



76.4510, -3.6733, 58.3635



74.1360, -36.5490, 9.5277



66.8400, 12.4039, -58.6187

Rectangle

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



68.5450, 40.1573, -46.9590



80.9980, 16.7630, 36.8358



74.1360, -36.5490, 9.5277



60.1940, -7.9836, -52.7901

Sweetspot

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



68.5450, 40.1573, -46.9590



162.3040, 15.6261, -18.6836



102.2250, -8.4919, -76.4963



78.3390, 9.1999, -10.8213



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



68.5450, 40.1573, -46.9590



76.7070, 57.8254, -67.2720



30.9880, 58.6729, -12.2675



69.5590, 2.1894, -2.2442



54.4740, 41.1783, -47.7737



4.0750, 2.9210, -3.5738

Inverse Universe

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



62.7750, 8.4919, 76.4963



68.6080, 12.0253, 109.9688



134.0120, -58.6729, 12.2675



69.4350, 0.2785, 4.0035



48.7860, 8.4865, 78.2407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 68.5450, 40.1573, -46.9590 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 68.5450, 40.1573, -46.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

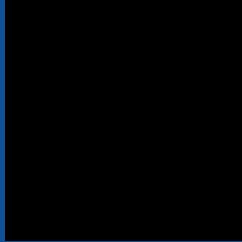
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5450, 40.1573, -46.9590

Background



This preview shows how black text looks on a background with the YUV color 68.5450, 40.1573, -46.9590.



This preview shows how white text looks on a background with the YUV color 68.5450, 40.1573,

-46.9590.

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

68.5450, 40.1573, -46.9590

Protanopia

75.8140, 35.5877, -27.9009

Deuteranopia

64.4360, 38.7321, -56.5104



Tritanopia

63.0730, 15.7400, -55.3150

Trichromacy



Original Color

68.5450, 40.1573, -46.9590

Protanomaly

73.2260, 37.3566, -35.2782

Deuteranomaly

65.6860, 39.5948, -53.2216

Tritanomaly

65.0870, 24.6071, -52.6963

Monochromacy



Original Color

68.5450, 40.1573, -46.9590

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.6740, 14.4577, -17.2541

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5450, 40.1573, -46.9590 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, 80, 150)` looks like.

```
.text, #text, p{  
    color:rgb(15, 80, 150)  
}
```

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, 80, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 80, 150) }
```

Border

The CSS property to change the border of an element to YUV 68.5450, 40.1573, -46.9590 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, 80, 150) }
```


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

```
.border{ border-color:rgb(15, 80, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 80, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 80, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 80, 150);  
box-shadow:4px 4px 4px 4px rgb(15, 80,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 68.5450, 40.1573, -46.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 80, 150) }
```

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

```
.background{ background-color: rgb(15, 80,  
150) }
```

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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