

Converting Colors

YUV(78.5590, 45.5734,
-57.4952)

Have a look what the booklet for
YUV(78.5590, 45.5734, -57.4952)
contains.

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Color

**YUV(78.5590, 45.5734,
-57.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	0D5EAB
RGB	13, 94, 171
RGB Percent	5%, 37%, 67%
CMY	0.9490, 0.6314, 0.3294
CMYK	0.92, 0.45, 0.00, 0.33
HSL	209°, 86%, 36%
HSV	209°, 92%, 67%
XYZ	11.5194, 11.0312, 40.0502
YIQ	78.5590, -72.9930, 6.7750

Conversions

Conversions Part 2

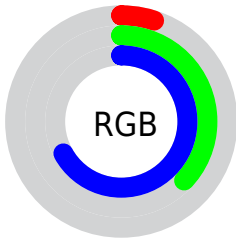
Format	Color
R_{YB}	13, 67, 171
Decimal	876203
CIE _{Lab}	39.63, 7.64, -47.38
CIE _{LCh}	40, 47.993, 279.161
Yxy	11.0312, 0.1840, 0.1762
Android (android.graphics.Color)	4279066283 (0xFF0D5EAB)
YUV	78.5590, 45.5734, -57.4952
Hunter-Lab	33.2133, 3.7858, -48.2453

Details

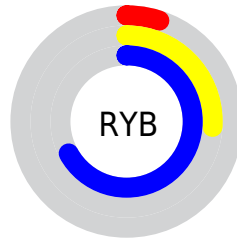
The YUV color **78.5590, 45.5734, -57.4952** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **105.4410, -45.5734, 57.4952**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9140, 43.9194, -40.2666**, and **42.2150, 37.3620, -37.0226** is the 20% darker color. If you saturate the color by 10%, you get **71.1500, 49.2260, -62.3986**, and if you desaturate by 10%, it is **88.3380, 40.7524, -51.1624**.

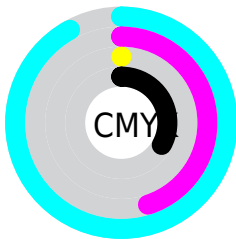
Distribution



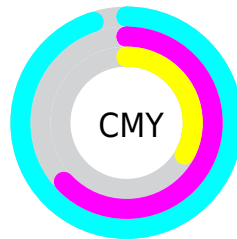
- Red (5%)
- Green (37%)
- Blue (67%)



- Red (5%)
- Yellow (26%)
- Blue (67%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5590, 45.5734, -57.4952 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 78.5590, 45.5734, -57.4952 by changing the saturation by 10% instead.

■ 78.5590, 45.5734,
-57.4952

■ 78.5590, 45.5734,
-57.4952

■ 255.0000, 0.0000,
0.0000

■ 58.0930, 42.3522,
-50.9476

■ 137.9140, 43.9194,
-40.2666

■ 42.2150, 37.3620,
-37.0226

■ 165.3380, 44.2034,
-38.0074

■ 27.6250, 32.2299,
-24.2271

■ 190.1570, 31.9676,
-33.4637

■ 9.6270, 29.2709,
-8.4429

■ 215.2640, 19.5898,
-30.0495

■ 6.8910, 18.7877,
-6.0434

■ 241.2570, 6.7753,
-26.5354

■ 3.3230, 10.1938,
-2.9143

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 78.5590, 45.5734,
-57.4952

■ 78.5590, 45.5734,
-57.4952

■ 71.1500, 49.2260,
-62.3986

■ 88.3380, 40.7524,
-51.1624

■ 98.7040, 35.6419,
-45.3444

■ 108.4830, 30.8209,
-39.0116

■ 118.2620, 25.9998,
-32.6788

■ 128.6280, 20.8894,
-26.8608

■ 138.7060, 15.9209,
-19.9132

■ 148.4850, 11.0999,
-13.5803

■ 158.8510, 5.9895,
-7.7623

■ 168.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



80.5590, 42.1224, -70.6502



78.5590, 45.5734, -57.4952



95.6450, 28.7690, 12.5893

Triad

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



78.5590, 45.5734, -57.4952



89.7550, -21.5712, 58.9739



71.8660, -3.8779, -63.0265

Complementary

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



78.5590, 45.5734, -57.4952



105.4410, -45.5734, 57.4952

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.



82.2400, -27.7263, -20.3815



78.5590, 45.5734, -57.4952



88.9810, -37.9516, 39.4817

Square

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



78.5590, 45.5734, -57.4952



89.8970, -3.4002, 64.1113



85.9640, -42.3803, 13.1866



77.7140, 13.4520, -68.1552

Rectangle

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



78.5590, 45.5734, -57.4952



94.9920, 19.2309, 38.5950



85.9640, -42.3803, 13.1866



69.2100, -8.9775, -60.6972

Sweetspot

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



78.5590, 45.5734, -57.4952



185.8520, 17.8210, -22.6722



114.4100, -12.5271, -88.9366



90.0720, 10.8105, -14.0951



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



78.5590, 45.5734, -57.4952



92.2260, 63.9786, -80.8822



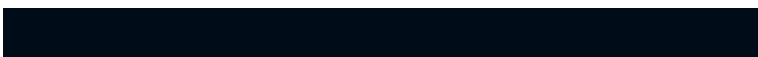
32.7730, 68.1459, -17.3409



81.3740, 2.7736, -2.9590



62.2990, 43.2366, -54.6362



9.6660, 6.5737, -8.4771

Inverse Universe

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



69.4760, 12.0903, 89.0365



79.3740, 17.0706, 125.0830



151.2270, -68.1459, 17.3409



81.1470, 0.4205, 5.1331



53.6280, 11.5224, 84.5182



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 78.5590, 45.5734, -57.4952 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 × Fail

Black Background



This preview shows how the YUV color 78.5590, 45.5734, -57.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 78.5590, 45.5734, -57.4952

Background



This preview shows how black text looks on a background with the YUV color 78.5590, 45.5734, -57.4952.



This preview shows how white text looks on a background with the YUV color 78.5590, 45.5734,

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

78.5590, 45.5734, -57.4952

Protanopia

89.1990, 38.3559, -29.1155

Deuteranopia

74.9170, 45.8899, -65.7022



Tritanopia

73.5880, 17.9511, -64.5367

Trichromacy



Original Color

78.5590, 45.5734, -57.4952

Protanomaly

85.1160, 40.8618, -39.5667

Deuteranomaly

76.5260, 45.5897, -62.7283

Tritanomaly

75.2430, 27.9812, -61.6031

Monochromacy



Original Color

78.5590, 45.5734, -57.4952

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.5210, 16.5051, -20.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5590, 45.5734, -57.4952 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(13, 94, 171)` looks like.

```
.text, #text, p{  
    color:rgb(13, 94, 171)  
}
```

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(13, 94, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 94, 171) }
```

Border

The CSS property to change the border of an element to YUV 78.5590, 45.5734, -57.4952 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(13, 94, 171) }
```


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

```
.border{ border-color:rgb(13, 94, 171) }
```

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

Here you see how a box with a 4 pixel rgb(13, 94, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 94, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 94, 171);  
box-shadow:4px 4px 4px 4px rgb(13, 94,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 78.5590, 45.5734, -57.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 94, 171) }
```

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

```
.background{ background-color: rgb(13, 94,  
171) }
```

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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