

Converting Colors

YUV(94.9450, 46.8621,
-50.8178)

Have a look what the booklet for
YUV(94.9450, 46.8621, -50.8178)
contains.

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Color

**YUV(94.9450, 46.8621,
-50.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	256ABE
RGB	37, 106, 190
RGB Percent	15%, 42%, 75%
CMY	0.8549, 0.5843, 0.2549
CMYK	0.81, 0.44, 0.00, 0.25
HSL	213°, 67%, 45%
HSV	213°, 81%, 75%
XYZ	15.2112, 14.4191, 50.6966
YIQ	94.9450, -68.0880, 11.4960

Conversions

Conversions Part 2

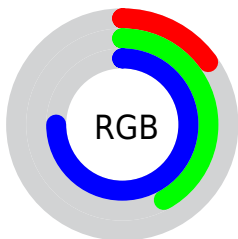
Format	Color
R _Y B	37, 85, 190
Decimal	2452158
CIE Lab	44.83, 9.27, -50.14
CIE LCh	45, 50.988, 280.480
Yxy	14.4191, 0.1894, 0.1795
Android (android.graphics.Color)	4280642238 (0xFF256ABE)
YUV	94.9450, 46.8621, -50.8178
Hunter-Lab	37.9725, 5.0528, -52.5767

Details

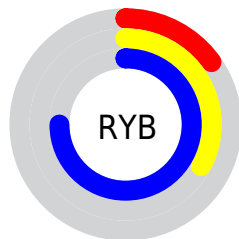
The YUV color **94.9450, 46.8621, -50.8178** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **132.0550, -46.8621, 50.8178**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3100, 46.6822, -39.7369**, and **50.7240, 42.0411, -44.4849** is the 20% darker color. If you saturate the color by 10%, you get **83.3940, 52.5568, -57.3505**, and if you desaturate by 10%, it is **106.4960, 41.1675, -44.2850**.

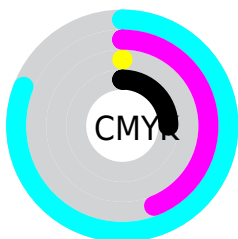
Distribution



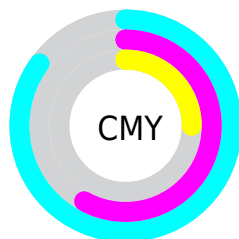
- Red (15%)
- Green (42%)
- Blue (75%)



- Red (15%)
- Yellow (33%)
- Blue (75%)



- Cyan (81%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (85%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9450, 46.8621, -50.8178 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 94.9450, 46.8621, -50.8178 by changing the saturation by 10% instead.

■ 94.9450, 46.8621,
-50.8178

■ 94.9450, 46.8621,
-50.8178

■ 255.0000, 0.0000,
0.0000

■ 66.7160, 47.4680,
-58.5099

■ 152.3100, 46.6822,
-39.7369

■ 50.7240, 42.0411,
-44.4849

■ 177.4540, 38.2302,
-35.4782

■ 35.4330, 36.7615,
-31.0747

■ 202.5610, 25.8524,
-32.0640

■ 20.8430, 31.6294,
-18.2793

■ 227.9670, 13.3273,
-28.0351

■ 10.4760, 24.9083,
-9.1875

■ 246.3290, 4.2748,
-17.8285

■ 6.0930, 15.7302,
-5.3436

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 94.9450, 46.8621,
-50.8178

■ 94.9450, 46.8621,
-50.8178

■ 83.3940, 52.5568,
-57.3505

■ 106.4960, 41.1675,
-44.2850

■ 72.1420, 58.1040,
-63.2685

■ 118.6340, 35.1834,
-38.2670

■ 130.1850, 29.4888,
-31.7342

■ 142.3230, 23.5048,
-25.7163

■ 153.8740, 17.8101,
-19.1835

■ 166.0120, 11.8261,
-13.1655

■ 177.5630, 6.1314,
-6.6328

■ 189.1140, 0.4368,
-0.1000

■ 201.2520, -5.5472,
5.9180

Harmonies

Analogous

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



90.4700, 47.0963, -79.3422



94.9450, 46.8621, -50.8178



109.1230, 30.5054, 15.6781

Triad

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



94.9450, 46.8621, -50.8178



102.6800, -24.4922, 62.5476



81.4520, -2.6878, -71.4334

Complementary

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



94.9450, 46.8621, -50.8178



132.0550, -46.8621, 50.8178

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.



93.5770, -28.8785, -24.1850



94.9450, 46.8621, -50.8178



101.7810, -41.3040, 41.4111

Square

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



94.9450, 46.8621, -50.8178



102.5880, -4.7269, 69.6443



98.1120, -46.8902, 13.0568



87.6420, 15.9525, -76.8620

Rectangle

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



94.9450, 46.8621, -50.8178



107.9540, 20.2357, 43.0133



98.1120, -46.8902, 13.0568



79.2690, -8.5136, -69.5189

Sweetspot

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



94.9450, 46.8621, -50.8178



210.5750, 17.9575, -19.7983



136.1590, -8.4594, -86.9624



102.4960, 11.0945, -11.8360



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



94.9450, 46.8621, -50.8178



98.3430, 73.2879, -80.1078



55.9370, 66.0931, -12.2227



88.3740, 2.7736, -2.9590



59.6890, 48.4673, -52.3473



11.7520, 9.4893, -10.3065

Inverse Universe

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



90.6130, 7.5858, 87.1624



91.1860, 12.2333, 136.6489



171.0630, -66.0931, 12.2227



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 94.9450, 46.8621, -50.8178 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 94.9450, 46.8621, -50.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

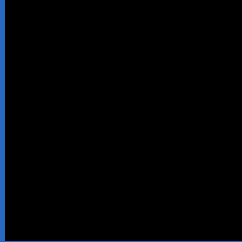
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9450, 46.8621, -50.8178

Background



This preview shows how black text looks on a background with the YUV color 94.9450, 46.8621, -50.8178.



This preview shows how white text looks on a background with the YUV color 94.9450, 46.8621, -50.8178.

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

94.9450, 46.8621, -50.8178

Protanopia

101.5130, 42.1451, -31.1449

Deuteranopia

89.2530, 49.6683, -64.2429

Trichromacy



Original Color

94.9450, 46.8621, -50.8178

Protanomaly

98.9250, 43.9140, -38.5222

Deuteranomaly

91.6450, 48.4890, -59.3247

Monochromacy



Original Color

94.9450, 46.8621, -50.8178

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0590, 17.2259, -18.4687

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9450, 46.8621, -50.8178 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(37, 106, 190)` looks like.

```
.text, #text, p{  
    color:rgb(37, 106, 190)  
}
```

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(37, 106, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 106, 190) }
```

Border

The CSS property to change the border of an element to YUV 94.9450, 46.8621, -50.8178 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(37, 106, 190) }
```

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

```
.border{ border-color:rgb(37, 106, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 106, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 106, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 106, 190);  
box-shadow:4px 4px 4px 4px rgb(37, 106,  
190) }
```


Background

The CSS property to change the background color of an element to YUV 94.9450, 46.8621, -50.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 106, 190) }
```

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

```
.background{ background-color: rgb(37, 106,  
190) }
```

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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