

Converting Colors

YUV(96.6550, 46.5121,
-78.6274)

Have a look what the booklet for
YUV(96.6550, 46.5121, -78.6274)
contains.

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Color

**YUV(96.6550, 46.5121,
-78.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	077CBF
RGB	7, 124, 191
RGB Percent	3%, 49%, 75%
CMY	0.9725, 0.5137, 0.2510
CMYK	0.96, 0.35, 0.00, 0.25
HSL	202°, 93%, 39%
HSV	202°, 96%, 75%
XYZ	16.6992, 18.2221, 51.9273
YIQ	96.6550, -91.2390, -3.9670

Conversions

Conversions Part 2

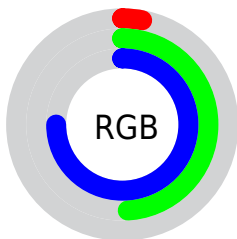
Format	Color
RYB	7, 79, 191
Decimal	490687
CIELab	49.76, -3.43, -42.87
CIELCh	50, 43.008, 265.432
Yxy	18.2221, 0.1923, 0.2098
Android (android.graphics.Color)	4278680767 (0xFF077CBF)
YUV	96.6550, 46.5121, -78.6274
Hunter-Lab	42.6873, -4.8737, -42.2426

Details

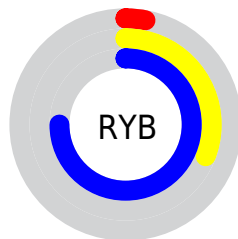
The YUV color **96.6550, 46.5121, -78.6274** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **101.3450, -46.5121, 78.6274**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5870, 43.0946, -55.7658**, and **60.2300, 37.8476, -52.8217** is the 20% darker color. If you saturate the color by 10%, you get **92.8010, 48.4121, -81.3865**, and if you desaturate by 10%, it is **106.4450, 41.6856, -70.5503**.

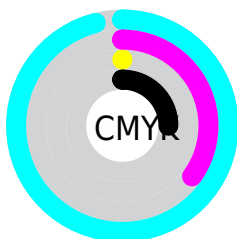
Distribution



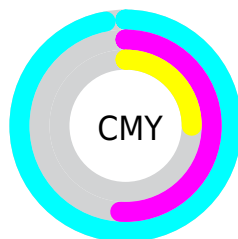
- Red (3%)
- Green (49%)
- Blue (75%)



- Red (3%)
- Yellow (31%)
- Blue (75%)



- Cyan (96%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (97%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6550, 46.5121, -78.6274 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 96.6550, 46.5121, -78.6274 by changing the saturation by 10% instead.

■ 96.6550, 46.5121,
-78.6274

■ 96.6550, 46.5121,
-78.6274

■ 255.0000, 0.0000,
0.0000

■ 76.8090, 42.9852,
-67.3615

■ 160.5870, 43.0946,
-55.7658

■ 60.2300, 37.8476,
-52.8217

■ 187.0900, 33.4796,
-51.8219

■ 43.7650, 33.1469,
-38.3819

■ 212.4960, 20.9545,
-47.7930

■ 29.1750, 28.0147,
-25.5865

■ 234.9670, 9.8763,
-41.1901

■ 10.7040, 25.7819,
-9.3874

■ 243.9370, 5.4541,
-22.7467

■ 6.3210, 16.6037,
-5.5435

■ 253.2060, 0.8844,

■ 2.6390, 7.5730,

-3.6887

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 96.6550, 46.5121,
-78.6274

■ 96.6550, 46.5121,
-78.6274

■ 92.8010, 48.4121,
-81.3865

■ 106.4450, 41.6856,
-70.5503

■ 116.2350, 36.8591,
-62.4731

■ 126.0250, 32.0327,
-54.3959

■ 135.8150, 27.2062,
-46.3188

■ 145.9040, 22.2323,
-37.6268

■ 155.6940, 17.4059,
-29.5496

■ 165.4840, 12.5794,
-21.4725

■ 175.2740, 7.7529,
-13.3953

■ 185.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



97.7760, 39.5504, -85.7496



96.6550, 46.5121, -78.6274



119.3220, 31.8863, -7.2984

Triad

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



96.6550, 46.5121, -78.6274



117.7040, -14.1511, 59.0186



105.1590, -14.8684, -37.8504

Complementary

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



96.6550, 46.5121, -78.6274



101.3450, -46.5121, 78.6274

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.



111.8400, -30.9801, -3.3677



96.6550, 46.5121, -78.6274



117.1420, -28.6640, 47.2335

Square

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



96.6550, 46.5121, -78.6274



119.7370, 2.5947, 54.6047



114.7620, -35.8717, 25.6417



92.4860, 9.1274, -81.1102

Rectangle

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



96.6550, 46.5121, -78.6274



122.0220, 23.6532, 20.1517



114.7620, -35.8717, 25.6417



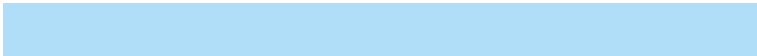
107.9280, -21.1635, -25.3699

Sweetspot

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



96.6550, 46.5121, -78.6274



210.5090, 17.9901, -30.2644



122.3040, -25.2929, -101.1216



102.4520, 11.1162, -18.8134



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.



96.6550, 46.5121, -78.6274



120.3170, 62.4547, -105.5180



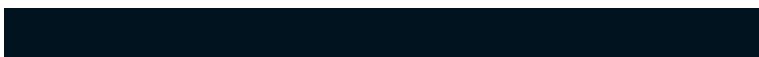
44.4120, 72.2679, -32.8103



89.5480, 2.1948, -3.9886



77.2990, 39.7856, -67.7912



14.6870, 8.0423, -12.8805

Inverse Universe

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



75.3540, 23.9825, 101.4215



91.7510, 32.1678, 136.1534



153.5880, -72.2679, 32.8103



88.3750, 1.2941, 4.9331



58.7560, 20.8263, 87.0370



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 96.6550, 46.5121, -78.6274 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 96.6550, 46.5121, -78.6274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

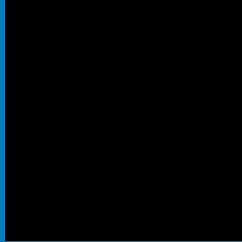
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.6550, 46.5121, -78.6274

Background



This preview shows how black text looks on a background with the YUV color 96.6550, 46.5121, -78.6274.



This preview shows how white text looks on a background with the YUV color 96.6550, 46.5121,

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

96.6550, 46.5121, -78.6274

Protanopia

116.7610, 32.6558, -20.8384

Deuteranopia

112.6820, 39.1038, -35.6781



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

96.6550, 46.5121, -78.6274

Protanomaly

109.5950, 37.6677, -41.7408

Deuteranomaly

106.6800, 42.0628, -51.4624

Tritanomaly

94.1590, 31.9666, -79.9464

Monochromacy



Original Color

96.6550, 46.5121, -78.6274

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8790, 16.8217, -28.8349

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6550, 46.5121, -78.6274 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(7, 124, 191)` looks like.

```
.text, #text, p{  
    color:rgb(7, 124, 191)  
}
```

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(7, 124, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 124, 191) }
```

Border

The CSS property to change the border of an element to YUV 96.6550, 46.5121, -78.6274 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(7, 124, 191) }
```


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

```
.border{ border-color:rgb(7, 124, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 124, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 124, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 124, 191);  
box-shadow:4px 4px 4px 4px rgb(7, 124,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 96.6550, 46.5121, -78.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 124, 191) }
```

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

```
.background{ background-color: rgb(7, 124,  
191) }
```

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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