

Converting Colors

YUV(97.8710, 2.0356, -46.3679)

Have a look what the booklet for
YUV(97.8710, 2.0356, -46.3679)
contains.

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Color

**YUV(97.8710, 2.0356,
-46.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	2D7C66
RGB	45, 124, 102
RGB Percent	18%, 49%, 40%
CMY	0.8235, 0.5137, 0.6000
CMYK	0.64, 0.00, 0.18, 0.51
HSL	163°, 47%, 33%
HSV	163°, 64%, 49%
XYZ	10.6881, 15.9325, 15.0823
YIQ	97.8710, -40.0220, -23.5900

Conversions

Conversions Part 2

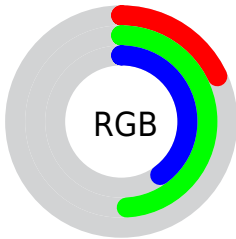
Format	Color
R_{YB}	45, 91, 124
Decimal	2980966
CIE _{Lab}	46.89, -29.72, 4.94
CIE _{LCh}	47, 30.130, 170.561
Yxy	15.9325, 0.2563, 0.3820
Android (android.graphics.Color)	4281171046 (0xFF2D7C66)
YUV	97.8710, 2.0356, -46.3679
Hunter-Lab	39.9155, -22.0556, 5.5378

Details

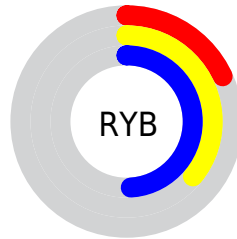
The YUV color **97.8710, 2.0356, -46.3679** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **71.1290, -2.0356, 46.3679**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2410, 0.8672, -44.9384**, and **49.7080, 2.6090, -43.5939** is the 20% darker color. If you saturate the color by 10%, you get **93.9410, 2.4941, -53.4453**, and if you desaturate by 10%, it is **101.8010, 1.5771, -39.2905**.

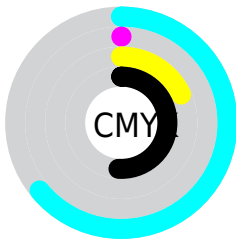
Distribution



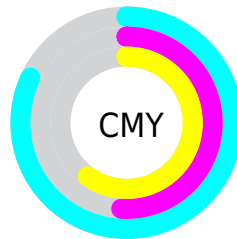
- Red (18%)
- Green (49%)
- Blue (40%)



- Red (18%)
- Yellow (36%)
- Blue (49%)



- Cyan (64%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8710, 2.0356, -46.3679 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 97.8710, 2.0356, -46.3679 by changing the saturation by 10% instead.

■ 97.8710, 2.0356,
-46.3679

■ 97.8710, 2.0356,
-46.3679

■ 255.0000, 0.0000,
0.0000

■ 69.6960, 4.0939,
-53.2304

■ 151.2410, 0.8672,
-44.9384

■ 49.7080, 2.6090,
-43.5939

■ 178.8280, 0.5778,
-45.4532

■ 33.8130, 0.0922,
-29.6540

■ 206.4150, 0.2884,
-45.9680

■ 20.1520, -4.0189,
-17.6733

■ 230.8930, 2.0248,
-42.8792

■ 0.0000, 0.0000,
0.0000

■ 241.8440, 6.4859,
-27.0502

■ 250.5150, 2.2111,

-9.2217

■ 97.8710, 2.0356,
-46.3679

■ 97.8710, 2.0356,
-46.3679

■ 93.9410, 2.4941,
-53.4453

■ 101.8010, 1.5771,
-39.2905

■ 89.5980, 2.6632,
-61.0374

■ 106.1440, 1.4080,
-31.6983

■ 85.6680, 3.1217,
-68.1148

■ 110.0740, 0.9495,
-24.6209

■ 82.9340, 2.9905,
-72.7331

■ 114.4170, 0.7804,
-17.0287

■ 118.3470, 0.3219,
-9.9513

■ 122.3910, 0.3002,
-2.9739

■ 126.6200, -0.3057,
4.7183

■ 130.6640, -0.3274,
11.6957

■ 134.8930, -0.9332,
19.3878

Harmonies

Analogous

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



104.1380, -12.8860, -20.2920



97.8710, 2.0356, -46.3679



87.3800, 20.0257, -76.6323

Triad

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



97.8710, 2.0356, -46.3679



111.9060, 22.7243, -8.6876



111.2960, -18.8799, 35.6974

Complementary

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



97.8710, 2.0356, -46.3679



71.1290, -2.0356, 46.3679

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.



112.6740, -8.7133, 41.5049



97.8710, 2.0356, -46.3679



114.3070, 14.6386, 18.1478

Square

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



97.8710, 2.0356, -46.3679



103.4890, 28.3529, -40.7709



114.0290, 2.9437, 35.9316



109.8290, -24.0727, 21.1980

Rectangle

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



97.8710, 2.0356, -46.3679



88.5030, 26.8670, -77.6171



114.0290, 2.9437, 35.9316



111.4150, -15.9806, 39.1010

Sweetspot

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



97.8710, 2.0356, -46.3679



150.7050, 0.6384, -18.1583



97.9510, -26.1048, -27.1440



75.6350, 0.1799, -11.0809



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.8710, 2.0356, -46.3679



120.6460, 3.1325, -71.6035



90.4000, 16.5648, -39.8158



58.9780, 0.0108, -3.4887



83.6350, 3.1379, -73.3479



168.6720, 6.5707, -147.9253

Inverse Universe

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



71.1290, -2.0356, 46.3679



79.3540, -3.1325, 71.6035



78.6000, -16.5648, 39.8158



57.0220, -0.0108, 3.4887



41.3650, -3.1379, 73.3479



83.3280, -6.5707, 147.9253

Previews

White Background



This preview shows how the YUV color 97.8710, 2.0356, -46.3679 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 97.8710, 2.0356, -46.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

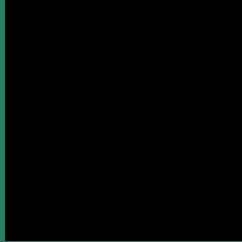
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8710, 2.0356, -46.3679

Background



This preview shows how black text looks on a background with the YUV color 97.8710, 2.0356, -46.3679.



This preview shows how white text looks on a background with the YUV color 97.8710, 2.0356, -46.3679.

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

97.8710, 2.0356, -46.3679

Protanopia

110.0840, -7.4364, 5.1883

Deuteranopia

111.6700, -2.7953, 9.9364



Tritanopia

102.0040, 13.8020, -40.3455

Trichromacy



Original Color

97.8710, 2.0356, -46.3679

Protanomaly

105.5870, -3.7404, -13.6698

Deuteranomaly

106.7060, -0.8411, -10.2662

Tritanomaly

100.2550, 9.7343, -42.3196

Monochromacy



Original Color

97.8710, 2.0356, -46.3679

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7160, 0.6330, -16.4139

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8710, 2.0356, -46.3679 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(45, 124, 102)` looks like.

```
.text, #text, p{  
    color:rgb(45, 124, 102)  
}
```

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(45, 124, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 124, 102) }
```

Border

The CSS property to change the border of an element to YUV 97.8710, 2.0356, -46.3679 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(45, 124, 102) }
```


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

```
.border{ border-color:rgb(45, 124, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 124, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 124, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 124, 102);  
box-shadow:4px 4px 4px 4px rgb(45, 124,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 97.8710, 2.0356, -46.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 124, 102) }
```

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

```
.background{ background-color: rgb(45, 124,  
102) }
```

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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