

Converting Colors

YUV(85.4710, 25.4038,
-74.9581)

Have a look what the booklet for
YUV(85.4710, 25.4038, -74.9581)
contains.

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Color

**YUV(85.4710, 25.4038,
-74.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	007789
RGB	0, 119, 137
RGB Percent	0%, 47%, 54%
CMY	1.0000, 0.5333, 0.4627
CMYK	1.00, 0.13, 0.00, 0.46
HSL	188°, 100%, 27%
HSV	188°, 100%, 54%
XYZ	11.1122, 14.9998, 25.9765
YIQ	85.4710, -76.7020, -19.6300

Conversions

Conversions Part 2

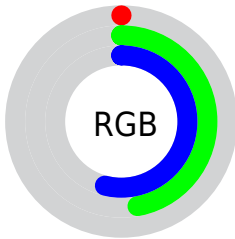
Format	Color
RYB	0, 64, 137
Decimal	30601
CIELab	45.63, -21.18, -17.78
CIELCh	46, 27.648, 220.013
Yxy	14.9998, 0.2133, 0.2880
Android (android.graphics.Color)	4278220681 (0xFF007789)
YUV	85.4710, 25.4038, -74.9581
Hunter-Lab	38.7296, -16.5620, -12.6560

Details

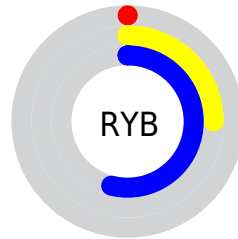
The YUV color **85.4710, 25.4038, -74.9581** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.5290, -25.4038, 74.9581**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5550, 21.4184, -56.6147**, and **51.0080, 17.7441, -44.7340** is the 20% darker color. If you saturate the color by 10%, you get **85.4710, 25.4038, -74.9581**, and if you desaturate by 10%, it is **90.8310, 22.7613, -67.3808**.

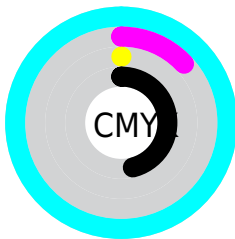
Distribution



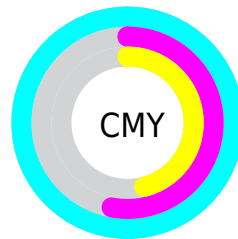
- Red (0%)
- Green (47%)
- Blue (54%)



- Red (0%)
- Yellow (25%)
- Blue (54%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4710, 25.4038, -74.9581 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 85.4710, 25.4038, -74.9581 by changing the saturation by 10% instead.

85.4710, 25.4038,
-74.9581

85.4710, 25.4038,
-74.9581

255.0000, 0.0000,
0.0000

67.9460, 21.7186,
-59.5886

146.5550, 21.4184,
-56.6147

51.0080, 17.7441,
-44.7340

175.1530, 21.1236,
-55.3852

34.8850, 14.3537,
-30.5941

203.2670, 21.5604,
-55.4852

21.2240, 10.2426,
-18.6134

229.2860, 12.6770,
-52.8708

2.9810, 8.8834,
-2.6143

237.9570, 8.4022,
-35.0423

0.0000, 0.0000,
0.0000

246.9270, 3.9800,

-16.5990

■ 85.4710, 25.4038,
-74.9581

■ 90.8310, 22.7613,
-67.3808

■ 95.8920, 20.2662,
-60.4183

■ 100.6650, 17.9132,
-52.3262

■ 106.0250, 15.2707,
-44.7489

■ 111.3850, 12.6282,
-37.1716

■ 116.4460, 10.1331,
-30.2091

■ 121.8060, 7.4906,
-22.6319

■ 126.5790, 5.1376,
-14.5398

■ 131.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



91.3240, 11.6723, -57.2891



85.4710, 25.4038, -74.9581



98.4730, 25.8958, -46.0188

Triad

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



85.4710, 25.4038, -74.9581



110.8970, 6.4598, 28.1543



105.7350, -21.5614, 9.0024

Complementary

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



85.4710, 25.4038, -74.9581



51.5290, -25.4038, 74.9581

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.



107.3610, -20.8840, 25.1164



85.4710, 25.4038, -74.9581



110.0910, -4.4819, 37.6312

Square

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



85.4710, 25.4038, -74.9581



110.7080, 16.4130, 9.0261



109.0340, -14.8068, 35.9272



102.6230, -15.0971, -11.0704

Rectangle

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



85.4710, 25.4038, -74.9581



104.2520, 24.5258, -26.5310



109.0340, -14.8068, 35.9272



106.5400, -22.4512, 14.4354

Sweetspot

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



85.4710, 25.4038, -74.9581



158.1580, 10.2751, -29.0796



82.2430, -32.6578, -72.1271



77.0840, 5.8746, -17.6137



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



85.4710, 25.4038, -74.9581



111.3910, 33.3312, -97.6899



46.7290, 44.5036, -40.9813



66.3200, 1.3212, -3.7886



82.6670, 24.8142, -72.4990



2.9180, 1.0264, -2.5591

Inverse Universe

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



54.5290, 31.7842, 72.3271



71.1910, 41.3178, 94.5485



90.2710, -44.5036, 40.9813



64.7770, 1.5889, 3.7036



52.8770, 30.6266, 70.2679



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 85.4710, 25.4038, -74.9581 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 85.4710, 25.4038, -74.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

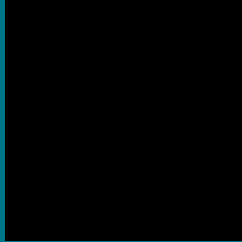
Any Text WCAG AA × Fail

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 85.4710, 25.4038, -74.9581 Background



This preview shows how black text looks on a background with the YUV color 85.4710, 25.4038, -74.9581.



This preview shows how white text looks on a background with the YUV color 85.4710, 25.4038,

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



Protanopia

108.3120, 10.1992, -4.6586

Deuteranopia

108.3810, 15.5882, -6.4731

Tritanopia

85.1460, 21.6200, -74.6730

Trichromacy



Protanomaly

99.9390, 15.8061, -29.7645

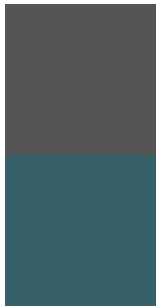
Deuteranomaly

100.1390, 19.1585, -31.6939

Tritanomaly

85.4880, 22.9304, -74.9730

Monochromacy



Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9410, 9.3961, -27.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4710, 25.4038, -74.9581 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(0, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 137)  
}
```

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(0, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 137) }
```

Border

The CSS property to change the border of an element to YUV 85.4710, 25.4038, -74.9581 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(0, 119, 137) }
```

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

```
.border{ border-color:rgb(0, 119, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 119, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
137) }
```


Background

The CSS property to change the background color of an element to YUV 85.4710, 25.4038, -74.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 137) }
```

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

```
.background{ background-color: rgb(0, 119,  
137) }
```

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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