

Converting Colors

YUV(85.2090, 29.4770,
-74.7283)

Have a look what the booklet for
YUV(85.2090, 29.4770, -74.7283)
contains.

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Color

**YUV(85.2090, 29.4770,
-74.7283)**

Conversions

Conversions Part 1

Format	Color
Hex	007591
RGB	0, 117, 145
RGB Percent	0%, 46%, 57%
CMY	1.0000, 0.5412, 0.4314
CMYK	1.00, 0.19, 0.00, 0.43
HSL	192°, 100%, 28%
HSV	192°, 100%, 57%
XYZ	11.4721, 14.7669, 29.0337
YIQ	85.2090, -78.7200, -16.0960

Conversions

Conversions Part 2

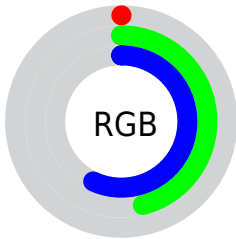
Format	Color
RYB	0, 65, 145
Decimal	30097
CIELab	45.31, -17.18, -23.02
CIELCh	45, 28.723, 233.259
Yxy	14.7669, 0.2076, 0.2672
Android (android.graphics.Color)	4278220177 (0xFF007591)
YUV	85.2090, 29.4770, -74.7283
Hunter-Lab	38.4277, -13.9596, -17.8966

Details

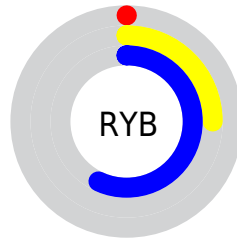
The YUV color **85.2090, 29.4770, -74.7283** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.7910, -29.4770, 74.7283**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0050, 25.6335, -55.2554**, and **51.2190, 21.0910, -44.9191** is the 20% darker color. If you saturate the color by 10%, you get **85.2090, 29.4770, -74.7283**, and if you desaturate by 10%, it is **91.1560, 26.5451, -67.6658**.

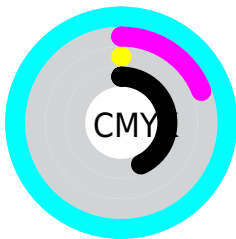
Distribution



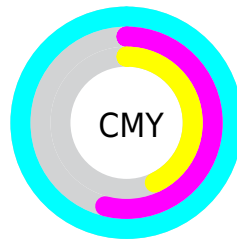
- Red (0%)
- Green (46%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2090, 29.4770, -74.7283 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 85.2090, 29.4770, -74.7283 by changing the saturation by 10% instead.

85.2090, 29.4770,
-74.7283

85.2090, 29.4770,
-74.7283

255.0000, 0.0000,
0.0000

67.5700, 25.3550,
-59.2589

147.0050, 25.6335,
-55.2554

51.2190, 21.0910,
-44.9191

175.3040, 25.4861,
-54.6406

35.0960, 17.7007,
-30.7792

203.6030, 25.3387,
-54.0258

21.3210, 13.1527,
-18.6985

228.7100, 12.9610,
-50.6117

3.6650, 11.5042,
-3.2142

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 85.2090, 29.4770,
-74.7283

■ 91.1560, 26.5451,
-67.6658

■ 97.4020, 23.4658,
-59.9886

■ 103.0610, 20.6759,
-51.7965

■ 109.0080, 17.7441,
-44.7340

■ 115.2540, 14.6648,
-37.0568

■ 121.2010, 11.7329,
-29.9943

■ 127.4470, 8.6536,
-22.3170

■ 132.8070, 6.0111,
-14.7397

■ 139.0530, 2.9319,
-7.0625

Harmonies

Analogous

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



84.6900, 19.8728, -74.2731



85.2090, 29.4770, -74.7283



100.9520, 26.1527, -35.0379

Triad

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



85.2090, 29.4770, -74.7283



110.0890, 1.9281, 35.0019



103.9080, -20.6606, 0.0807

Complementary

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



85.2090, 29.4770, -74.7283



59.7910, -29.4770, 74.7283

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.



106.0460, -23.1937, 19.2537



85.2090, 29.4770, -74.7283



108.5490, -9.1447, 39.8605

Square

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



85.2090, 29.4770, -74.7283



110.1500, 12.7441, 19.1625



107.6870, -18.5797, 32.7235



100.2950, -10.9914, -21.3067

Rectangle

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



85.2090, 29.4770, -74.7283



106.3890, 23.4722, -15.2502



107.6870, -18.5797, 32.7235



104.3110, -21.8453, 6.7433

Sweetspot

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



85.2090, 29.4770, -74.7283



165.5000, 11.5855, -29.3795



88.1930, -30.1681, -77.3453



80.3120, 6.7482, -17.8136



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



85.2090, 29.4770, -74.7283



110.7700, 38.5674, -97.1453



43.5320, 50.0237, -38.1776



68.3200, 1.3212, -3.7886



79.3730, 27.4241, -69.6101



4.4340, 1.7580, -3.8886

Inverse Universe

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



56.6930, 29.7314, 77.4452



73.8390, 38.5334, 100.9962



101.4680, -50.0237, 38.1776



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 85.2090, 29.4770, -74.7283 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 85.2090, 29.4770, -74.7283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

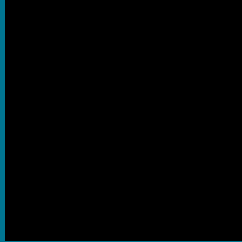
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2090, 29.4770, -74.7283

Background



This preview shows how black text looks on a background with the YUV color 85.2090, 29.4770, -74.7283.

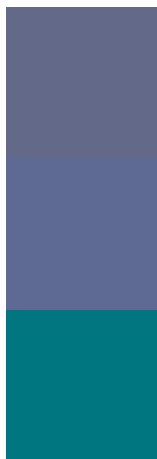


This preview shows how white text looks on a background with the YUV color 85.2090, 29.4770,

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

107.4410, 14.5726, -7.4028

Deuteranopia

107.2000, 20.1144, -11.5764

Tritanopia

84.4450, 21.4726, -74.0583

Trichromacy



Protanomaly

99.3670, 20.0321, -31.8939

Deuteranomaly

99.2680, 23.5319, -34.4380

Tritanomaly

84.5420, 24.3828, -74.1433

Monochromacy



Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2830, 10.7065, -27.4352

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2090, 29.4770, -74.7283 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, 117, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 145)  
}
```

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, 117, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 145) }
```

Border

The CSS property to change the border of an element to YUV 85.2090, 29.4770, -74.7283 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, 117, 145) }
```

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

```
.border{ border-color:rgb(0, 117, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
145) }
```


Background

The CSS property to change the background color of an element to YUV 85.2090, 29.4770, -74.7283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 145) }
```

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

```
.background{ background-color: rgb(0, 117,  
145) }
```

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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