

Converting Colors

YUV(84.6390, 27.2930,
-74.2284)

Have a look what the booklet for
YUV(84.6390, 27.2930, -74.2284)
contains.

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Color

**YUV(84.6390, 27.2930,
-74.2284)**

Conversions

Conversions Part 1

Format	Color
Hex	00758C
RGB	0, 117, 140
RGB Percent	0%, 46%, 55%
CMY	1.0000, 0.5412, 0.4510
CMYK	1.00, 0.16, 0.00, 0.45
HSL	190°, 100%, 27%
HSV	190°, 100%, 55%
XYZ	11.0949, 14.6160, 27.0474
YIQ	84.6390, -77.1150, -17.6510

Conversions

Conversions Part 2

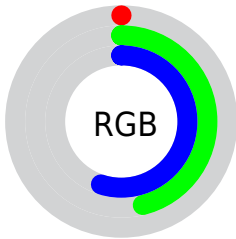
Format	Color
RYB	0, 64, 140
Decimal	30092
CIELab	45.10, -19.02, -20.37
CIELCh	45, 27.869, 226.971
Yxy	14.6160, 0.2103, 0.2770
Android (android.graphics.Color)	4278220172 (0xFF00758C)
YUV	84.6390, 27.2930, -74.2284
Hunter-Lab	38.2309, -15.1020, -15.1845

Details

The YUV color **84.6390, 27.2930, -74.2284** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **55.3610, -27.2930, 74.2284**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1360, 23.5970, -55.3703**, and **50.1760, 19.6332, -44.0044** is the 20% darker color. If you saturate the color by 10%, you get **84.6390, 27.2930, -74.2284**, and if you desaturate by 10%, it is **89.9990, 24.6505, -66.6511**.

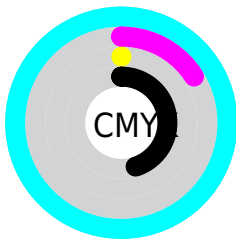
Distribution



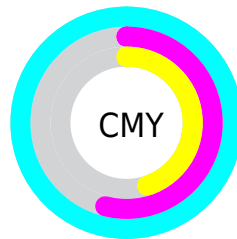
- Red (0%)
- Green (46%)
- Blue (55%)



- Red (0%)
- Yellow (25%)
- Blue (55%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.6390, 27.2930, -74.2284 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 84.6390, 27.2930, -74.2284 by changing the saturation by 10% instead.

84.6390, 27.2930,
-74.2284

84.6390, 27.2930,
-74.2284

255.0000, 0.0000,
0.0000

67.0000, 23.1710,
-58.7590

146.1360, 23.5970,
-55.3703

50.1760, 19.6332,
-44.0044

174.4350, 23.4495,
-54.7555

34.5260, 15.5167,
-30.2793

202.7340, 23.3021,
-54.1407

20.8650, 11.4056,
-18.2986

228.4110, 13.1084,
-51.2264

3.2090, 9.7570,
-2.8143

238.2560, 8.2548,
-34.4275

0.0000, 0.0000,
0.0000

246.9270, 3.9800,

-16.5990

■ 84.6390, 27.2930,
-74.2284

■ 89.9990, 24.6505,
-66.6511

■ 95.9460, 21.7186,
-59.5886

■ 101.3060, 19.0761,
-52.0114

■ 106.6660, 16.4337,
-44.4341

■ 112.0260, 13.7912,
-36.8568

■ 117.9730, 10.8593,
-29.7943

■ 123.3330, 8.2168,
-22.2170

■ 128.6930, 5.5744,
-14.6398

■ 134.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



86.4090, 16.0674, -67.0107



84.6390, 27.2930, -74.2284



98.9190, 26.1689, -40.2710

Triad

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



84.6390, 27.2930, -74.2284



109.6370, 4.1230, 31.0134



103.5280, -20.9663, 4.7989

Complementary

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



84.6390, 27.2930, -74.2284



55.3610, -27.2930, 74.2284

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.



105.9970, -22.1835, 21.9276



84.6390, 27.2930, -74.2284



108.4070, -7.1027, 38.2311

Square

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



84.6390, 27.2930, -74.2284



109.8720, 14.3601, 14.1443



107.2680, -16.4011, 33.9680



100.4590, -13.0443, -16.1885

Rectangle

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



84.6390, 27.2930, -74.2284



104.7690, 23.7779, -19.9684



107.2680, -16.4011, 33.9680



104.6320, -22.0036, 10.8467

Sweetspot

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



84.6390, 27.2930, -74.2284



159.5710, 10.5645, -28.5648



84.5740, -31.3420, -74.1714



78.6110, 6.6008, -17.1988



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



84.6390, 27.2930, -74.2284



109.2710, 35.3624, -95.8307



44.7230, 46.9716, -39.2221



66.3200, 1.3212, -3.7886



80.3190, 25.9717, -70.4398



2.9180, 1.0264, -2.5591

Inverse Universe

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



55.1980, 30.4684, 74.3714



71.3330, 39.2758, 96.1780



95.2770, -46.9716, 39.2221



64.7770, 1.5889, 3.7036



52.4210, 28.8794, 70.6678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 84.6390, 27.2930, -74.2284 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 84.6390, 27.2930, -74.2284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

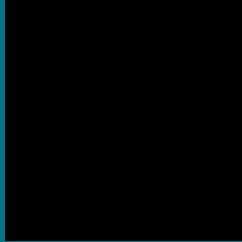
Any Text WCAG AA × Fail

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 84.6390, 27.2930, -74.2284 Background



This preview shows how black text looks on a background with the YUV color 84.6390, 27.2930, -74.2284.

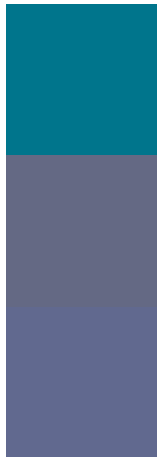


This preview shows how white text looks on a background with the YUV color 84.6390, 27.2930,

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

84.6390, 27.2930, -74.2284

Protanopia

106.5830, 12.5306, -5.7733

Deuteranopia

106.9400, 17.7776, -8.7174



Tritanopia

83.8580, 21.7620, -73.5435

Trichromacy



Original Color

84.6390, 27.2930, -74.2284

Protanomaly

98.5090, 17.9901, -30.2644

Deuteranomaly

98.7090, 21.3425, -32.1938

Tritanomaly

84.3140, 23.5092, -73.9434

Monochromacy



Original Color

84.6390, 27.2930, -74.2284

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.6390, 27.2930, -74.2284 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 140) }
```

Border

The CSS property to change the border of an element to YUV 84.6390, 27.2930, -74.2284 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, 140) }
```


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

```
.border{ border-color:rgb(0, 117, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 84.6390, 27.2930, -74.2284 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, 140) }
```

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

```
.background{ background-color: rgb(0, 117,  
140) }
```

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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