

Converting Colors

YUV(85.6980, 14.4459,
-60.2481)

Have a look what the booklet for
YUV(85.6980, 14.4459, -60.2481)
contains.

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Color

**YUV(85.6980, 14.4459,
-60.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	117373
RGB	17, 115, 115
RGB Percent	7%, 45%, 45%
CMY	0.9333, 0.5490, 0.5490
CMYK	0.85, 0.00, 0.00, 0.55
HSL	180°, 74%, 26%
HSV	180°, 85%, 45%
XYZ	9.4564, 13.6184, 18.3499
YIQ	85.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

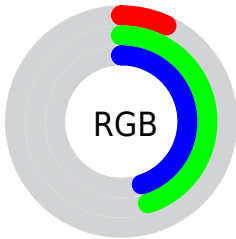
Format	Color
RYB	17, 66, 115
Decimal	1143667
CIELab	43.68, -25.56, -7.57
CIELCh	44, 26.657, 196.508
Yxy	13.6184, 0.2283, 0.3288
Android (android.graphics.Color)	4279333747 (0xFF117373)
YUV	85.6980, 14.4459, -60.2481
Hunter-Lab	36.9032, -18.8401, -3.6494

Details

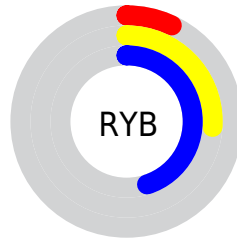
The YUV color **85.6980, 14.4459, -60.2481** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **46.3020, -14.4459, 60.2481**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8840, 12.3822, -51.6413**, and **46.3800, 10.1657, -40.6753** is the 20% darker color. If you saturate the color by 10%, you get **82.1100, 16.2148, -67.6255**, and if you desaturate by 10%, it is **89.2860, 12.6770, -52.8708**.

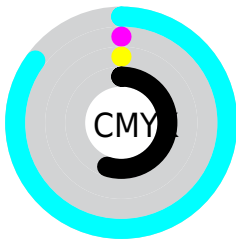
Distribution



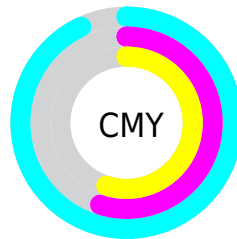
- Red (7%)
- Green (45%)
- Blue (45%)



- Red (7%)
- Yellow (26%)
- Blue (45%)



- Cyan (85%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6980, 14.4459, -60.2481 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 85.6980, 14.4459, -60.2481 by changing the saturation by 10% instead.

85.6980, 14.4459,
-60.2481

85.6980, 14.4459,
-60.2481

255.0000, 0.0000,
0.0000

63.0900, 13.2666,
-55.3299

141.8840, 12.3822,
-51.6413

46.3800, 10.1657,
-40.6753

169.7700, 11.9454,
-51.5413

30.3710, 7.2121,
-26.6354

197.7700, 11.9454,
-51.5413

15.7640, 4.5533,
-13.8250

226.3570, 11.6560,
-52.0561

0.0000, 0.0000,
0.0000

237.3590, 8.6970,
-36.2718

246.0300, 4.4222,

-18.4433

■ 85.6980, 14.4459,
-60.2481

■ 85.6980, 14.4459,
-60.2481

■ 82.1100, 16.2148,
-67.6255

■ 89.2860, 12.6770,
-52.8708

■ 80.6150, 16.9518,
-70.6994

■ 92.5750, 11.0555,
-46.1083

■ 95.8640, 9.4340,
-39.3457

■ 99.4520, 7.6652,
-31.9684

■ 103.0400, 5.8963,
-24.5911

■ 106.3290, 4.2748,
-17.8285

■ 109.9170, 2.5059,
-10.4512

■ 113.2060, 0.8844,
-3.6887

■ 116.7940, -0.8844,
3.6887

Harmonies

Analogous

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



92.9540, -0.4703, -35.9167



85.6980, 14.4459, -60.2481



84.4120, 24.9399, -66.1363

Triad

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



85.6980, 14.4459, -60.2481



106.0460, 13.7813, 13.1147



102.0400, -20.7257, 21.0129

Complementary

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



85.6980, 14.4459, -60.2481



46.3020, -14.4459, 60.2481

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.



103.7840, -15.6695, 32.6384



85.6980, 14.4459, -60.2481



105.9250, 3.9810, 29.8838

Square

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



85.6980, 14.4459, -60.2481



103.0260, 20.6932, -10.5468



104.6240, -6.2236, 36.2868



100.7560, -20.0927, 4.5990

Rectangle

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



85.6980, 14.4459, -60.2481



92.5330, 24.8802, -46.9484



104.6240, -6.2236, 36.2868



103.0020, -19.7210, 25.4312

Sweetspot

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



85.6980, 14.4459, -60.2481



138.3390, 5.7489, -23.9763



74.5260, -28.3603, -50.4503



69.8240, 3.5378, -14.7546



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



85.6980, 14.4459, -60.2481



105.1500, 22.1110, -92.2166



56.9350, 28.6260, -35.0230



57.2060, 0.8844, -3.6887



85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Inverse Universe

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



57.4740, 28.3603, 50.4503



61.9500, 43.4087, 77.2198



75.0650, -28.6260, 35.0230



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 85.6980, 14.4459, -60.2481 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 85.6980, 14.4459, -60.2481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

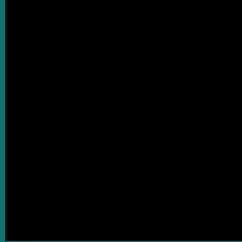
Any Text WCAG AA × Fail

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 85.6980, 14.4459, -60.2481 Background



This preview shows how black text looks on a background with the YUV color 85.6980, 14.4459, -60.2481.



This preview shows how white text looks on a background with the YUV color 85.6980, 14.4459, -60.2481.

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

85.6980, 14.4459, -60.2481

Protanopia

102.8690, 2.0366, 0.1149

Deuteranopia

103.5470, 7.1253, 1.2743



Tritanopia

88.7140, 16.9030, -55.0002

Trichromacy



Original Color

85.6980, 14.4459, -60.2481

Protanomaly

96.8770, 6.4696, -21.8171

Deuteranomaly

96.8000, 9.9586, -20.8726

Tritanomaly

87.4750, 16.0348, -56.5446

Monochromacy



Original Color

85.6980, 14.4459, -60.2481

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6980, 14.4459, -60.2481 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(17, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(17, 115, 115)  
}
```

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(17, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 115, 115) }
```

Border

The CSS property to change the border of an element to YUV 85.6980, 14.4459, -60.2481 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(17, 115, 115) }
```


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

```
.border{ border-color:rgb(17, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(17, 115,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 85.6980, 14.4459, -60.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 115, 115) }
```

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

```
.background{ background-color: rgb(17, 115,  
115) }
```

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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