

Converting Colors

YUV(84.6980, 14.4459,
-60.2481)

Have a look what the booklet for
YUV(84.6980, 14.4459, -60.2481)
contains.

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Color

**YUV(84.6980, 14.4459,
-60.2481)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 107272 |
| RGB | 16, 114, 114 |
| RGB Percent | 6%, 45%, 45% |
| CMY | 0.9373, 0.5529, 0.5529 |
| CMYK | 0.86, 0.00, 0.00, 0.55 |
| HSL | 180°, 75%, 25% |
| HSV | 180°, 86%, 45% |
| XYZ | 9.2683, 13.3597, 18.0098 |
| YIQ | 84.6980, -58.4080, -20.7760 |

Conversions

Conversions Part 2

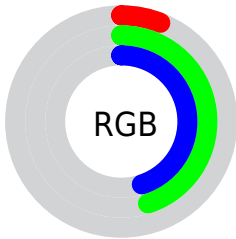
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 16, 65, 114 |
| Decimal | 1077874 |
| CIELab | 43.30, -25.47, -7.54 |
| CIELCh | 43, 26.560, 196.501 |
| Yxy | 13.3597, 0.2281, 0.3288 |
| Android (android.graphics.Color) | 4279267954 (0xFF107272) |
| YUV | 84.6980, 14.4459, -60.2481 |
| Hunter-Lab | 36.5509, -18.7016, -3.6284 |

Details

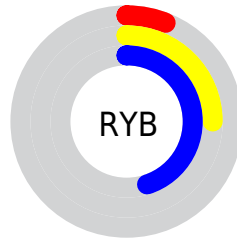
The YUV color **84.6980, 14.4459, -60.2481** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.3020, -14.4459, 60.2481**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8840, 12.3822, -51.6413**, and **45.6790, 10.0183, -40.0605** is the 20% darker color. If you saturate the color by 10%, you get **81.4090, 16.0674, -67.0107**, and if you desaturate by 10%, it is **87.9870, 12.8244, -53.4856**.

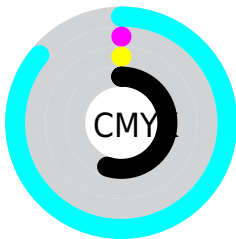
Distribution



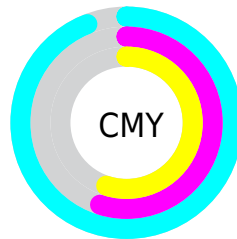
- Red (6%)
- Green (45%)
- Blue (45%)



- Red (6%)
- Yellow (25%)
- Blue (45%)



- Cyan (86%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



- Cyan (94%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.6980, 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 84.6980, 14.4459, -60.2481 by changing the saturation by 10% instead.

84.6980, 14.4459,
-60.2481

84.6980, 14.4459,
-60.2481

255.0000, 0.0000,
0.0000

62.5030, 13.5560,
-54.8151

140.8840, 12.3822,
-51.6413

45.6790, 10.0183,
-40.0605

168.7700, 11.9454,
-51.5413

30.2570, 6.7753,
-26.5354

196.7700, 11.9454,
-51.5413

14.4760, 4.6953,
-12.6955

225.0690, 11.7980,
-50.9265

0.0000, 0.0000,
0.0000

237.0600, 8.8444,
-36.8866

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 84.6980, 14.4459,
-60.2481

■ 84.6980, 14.4459,
-60.2481

■ 81.4090, 16.0674,
-67.0107

■ 87.9870, 12.8244,
-53.4856

■ 79.9140, 16.8044,
-70.0846

■ 91.5750, 11.0555,
-46.1083

■ 94.8640, 9.4340,
-39.3457

■ 98.4520, 7.6652,
-31.9684

■ 101.7410, 6.0437,
-25.2059

■ 105.0300, 4.4222,
-18.4433

■ 108.6180, 2.6533,
-11.0660

■ 111.9070, 1.0318,
-4.3034

■ 115.4950, -0.7370,
3.0739

Harmonies

Analogous

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



91.9540, -0.4703, -35.9167



84.6980, 14.4459, -60.2481



83.1130, 25.0873, -66.7511

Triad

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



84.6980, 14.4459, -60.2481



105.0460, 13.7813, 13.1147



101.7410, -20.5783, 20.3981

Complementary

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



84.6980, 14.4459, -60.2481



45.3020, -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.



102.7840, -15.6695, 32.6384



84.6980, 14.4459, -60.2481



104.9250, 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.



84.6980, 14.4459, -60.2481



102.0260, 20.6932, -10.5468



103.6240, -6.2236, 36.2868



99.7560, -20.0927, 4.5990

Rectangle

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



84.6980, 14.4459, -60.2481



91.5330, 24.8802, -46.9484



103.6240, -6.2236, 36.2868



102.0020, -19.7210, 25.4312

Sweetspot

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



84.6980, 14.4459, -60.2481



136.3390, 5.7489, -23.9763



73.5260, -28.3603, -50.4503



67.1230, 3.3904, -14.1399



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.6980, 14.4459, -60.2481



103.7480, 21.8162, -90.9870



55.9350, 28.6260, -35.0230



54.2060, 0.8844, -3.6887



84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Inverse Universe

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



56.4740, 28.3603, 50.4503



61.1240, 42.8299, 76.1903



74.0650, -28.6260, 35.0230



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 84.6980, 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 84.6980, 14.4459, -60.2481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

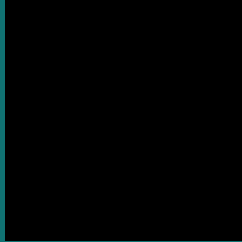
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.6980, 14.4459, -60.2481

Background



This preview shows how black text looks on a background with the YUV color 84.6980, 14.4459, -60.2481.



This preview shows how white text looks on a background with the YUV color 84.6980, 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

84.6980, 14.4459, -60.2481

Protanopia

101.8690, 2.0366, 0.1149

Deuteranopia

102.5470, 7.1253, 1.2743



Tritanopia

87.7140, 16.9030, -55.0002

Trichromacy



Original Color

84.6980, 14.4459, -60.2481

Protanomaly

95.8770, 6.4696, -21.8171

Deuteranomaly

95.8000, 9.9586, -20.8726

Tritanomaly

86.4750, 16.0348, -56.5446

Monochromacy



Original Color

84.6980, 14.4459, -60.2481

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.6980, 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(16, 114, 114)` looks like.

```
.text, #text, p{  
  color:rgb(16, 114, 114)  
}
```

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(16, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 114, 114) }
```

Border

The CSS property to change the border of an element to YUV 84.6980, 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(16, 114, 114) }
```


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

```
.border{ border-color:rgb(16, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(16, 114,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 84.6980, 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(16, 114, 114) }
```

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

```
.background{ background-color: rgb(16, 114,  
114) }
```

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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