

Converting Colors

YUV(80.2670, 4.7984, -45.8382)

Have a look what the booklet for
YUV(80.2670, 4.7984, -45.8382)
contains.

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Color

**YUV(80.2670, 4.7984,
-45.8382)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1C695A |
| RGB | 28, 105, 90 |
| RGB Percent | 11%, 41%, 35% |
| CMY | 0.8902, 0.5882, 0.6471 |
| CMYK | 0.73, 0.00, 0.14, 0.59 |
| HSL | 168°, 58%, 26% |
| HSV | 168°, 73%, 41% |
| XYZ | 7.3759, 11.0882, 11.4243 |
| YIQ | 80.2670, -41.0770, -20.9890 |

Conversions

Conversions Part 2

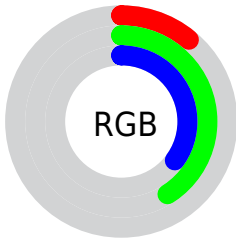
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 28, 71, 105 |
| Decimal | 1861978 |
| CIE Lab | 39.73, -26.94, 1.75 |
| CIE LCh | 40, 26.997, 176.277 |
| Yxy | 11.0882, 0.2468, 0.3710 |
| Android (android.graphics.Color) | 4280052058 (0xFF1C695A) |
| YUV | 80.2670, 4.7984, -45.8382 |
| Hunter-Lab | 33.2990, -18.7343, 2.9678 |

Details

The YUV color **80.2670, 4.7984, -45.8382** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52.7330, -4.7984, 45.8382**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2350, 3.3351, -43.1791**, and **38.5890, 3.1606, -33.8426** is the 20% darker color. If you saturate the color by 10%, you get **77.0490, 5.3988, -51.7860**, and if you desaturate by 10%, it is **83.7840, 4.0505, -39.2756**.

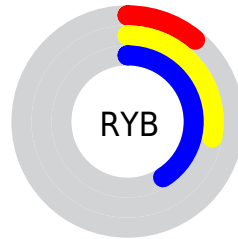
Distribution



Red (11%)

Green (41%)

Blue (35%)



Red (11%)

Yellow (28%)

Blue (41%)

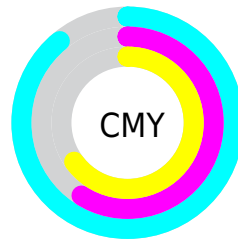


Cyan (73%)

Magenta (0%)

Yellow (14%)

Black (59%)



Cyan (89%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2670, 4.7984, -45.8382 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 80.2670, 4.7984, -45.8382 by changing the saturation by 10% instead.

80.2670, 4.7984,
-45.8382

80.2670, 4.7984,
-45.8382

255.0000, 0.0000,
0.0000

54.5980, 6.1142,
-47.8824

133.2350, 3.3351,
-43.1791

38.5890, 3.1606,
-33.8426

160.1210, 2.8983,
-43.0791

23.8680, 0.0651,
-20.9322

187.7080, 2.6090,
-43.5939

0.0000, 0.0000,
0.0000

215.7080, 2.6090,
-43.5939

236.1910, 6.8078,
-37.0015

245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 80.2670, 4.7984,
-45.8382

■ 80.2670, 4.7984,
-45.8382

■ 77.0490, 5.3988,
-51.7860

■ 83.7840, 4.0505,
-39.2756

■ 73.5320, 6.1467,
-58.3486

■ 87.0020, 3.4500,
-33.3278

■ 71.3250, 6.7418,
-62.5520

■ 90.2200, 2.8495,
-27.3799

■ 93.7370, 2.1017,
-20.8173

■ 97.2540, 1.3538,
-14.2548

■ 100.4720, 0.7533,
-8.3069

■ 103.9890, 0.0054,
-1.7444

■ 107.2070, -0.5951,
4.2035

■ 110.7240, -1.3429,
10.7661

Harmonies

Analogous

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



86.7510, -9.2442, -21.7066



80.2670, 4.7984, -45.8382



74.4030, 18.5353, -65.2514

Triad

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



80.2670, 4.7984, -45.8382



94.9130, 18.7769, -2.5547



93.8930, -17.6952, 29.0348

Complementary

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



80.2670, 4.7984, -45.8382



52.7330, -4.7984, 45.8382

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.



94.4130, -9.5706, 36.4718



80.2670, 4.7984, -45.8382



96.5800, 10.5601, 19.6623

Square

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



80.2670, 4.7984, -45.8382



88.7030, 23.8104, -30.4345



95.4370, 0.7706, 32.9428



91.8930, -21.1462, 15.8798

Rectangle

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



80.2670, 4.7984, -45.8382



74.7110, 24.7925, -65.5215



95.4370, 0.7706, 32.9428



93.8980, -15.2327, 32.5385

Sweetspot

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



80.2670, 4.7984, -45.8382



128.0470, 1.9488, -18.4582



77.6840, -24.4942, -30.4179



63.1620, 0.9061, -10.6661



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.2670, 4.7984, -45.8382



99.0850, 7.3531, -71.9885



68.4760, 18.0063, -35.4975



52.0920, 0.4476, -3.5887



79.3950, 7.2003, -69.6294



166.2730, 15.1484, -145.8214

Inverse Universe

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



52.7330, -4.7984, 45.8382



55.8010, -7.7899, 72.0885



64.5240, -18.0063, 35.4975



49.9080, -0.4476, 3.5887



37.6050, -7.2003, 69.6294



78.7270, -15.1484, 145.8214

Previews

White Background



This preview shows how the YUV color 80.2670, 4.7984, -45.8382 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 80.2670, 4.7984, -45.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

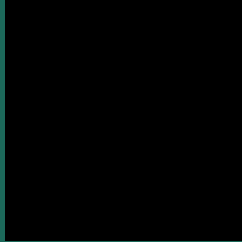
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2670, 4.7984, -45.8382

Background



This preview shows how black text looks on a background with the YUV color 80.2670, 4.7984, -45.8382.



This preview shows how white text looks on a background with the YUV color 80.2670, 4.7984, -45.8382.

-45.8382.

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

80.2670, 4.7984, -45.8382

Protanopia

93.1700, -4.5208, 3.3589

Deuteranopia

93.9300, -0.4585, 7.0774



Tritanopia

84.0750, 12.7810, -39.5308

Trichromacy



Original Color

80.2670, 4.7984, -45.8382

Protanomaly

88.2710, -1.1196, -14.2697

Deuteranomaly

88.6780, 1.6377, -11.9956

Tritanomaly

82.6680, 10.0237, -41.8048

Monochromacy



Original Color

80.2670, 4.7984, -45.8382

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2670, 4.7984, -45.8382 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(28, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(28, 105, 90)  
}
```

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(28, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 105, 90) }
```

Border

The CSS property to change the border of an element to YUV 80.2670, 4.7984, -45.8382 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(28, 105, 90) }
```


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

```
.border{ border-color:rgb(28, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(28, 105,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 80.2670, 4.7984, -45.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 105, 90) }
```

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

```
.background{ background-color: rgb(28, 105,  
90) }
```

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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