

Converting Colors

YUV(80.2680, 17.1229, 14.6740)

Have a look what the booklet for
YUV(80.2680, 17.1229, 14.6740)
contains.

YUV(80.2680, 17.1229, 14.6740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(80.2680, 17.1229,
14.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	614173
RGB	97, 65, 115
RGB Percent	38%, 25%, 45%
CMY	0.6196, 0.7451, 0.5490
CMYK	0.16, 0.43, 0.00, 0.55
HSL	278°, 28%, 35%
HSV	278°, 43%, 45%
XYZ	9.9146, 7.5598, 17.1563
YIQ	80.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

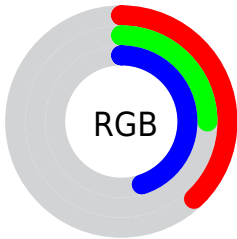
Format	Color
R_{YB}	97, 65, 115
Decimal	6373747
CIE _{Lab}	33.05, 23.95, -23.46
CIE _{LCh}	33, 33.525, 315.598
Yxy	7.5598, 0.2863, 0.2183
Android (android.graphics.Color)	4284563827 (0xFF614173)
YUV	80.2680, 17.1229, 14.6740
Hunter-Lab	27.4951, 16.2498, -17.7490

Details

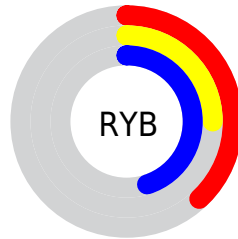
The YUV color **80.2680, 17.1229, 14.6740** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.7320, -17.1229, -14.6740**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5070, 17.9910, 16.2184**, and **34.6160, 15.9653, 12.6148** is the 20% darker color. If you saturate the color by 10%, you get **72.6150, 20.8958, 17.8776**, and if you desaturate by 10%, it is **88.5080, 13.0606, 10.9555**.

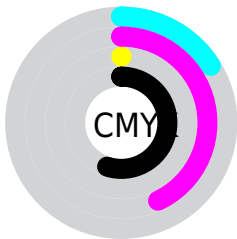
Distribution



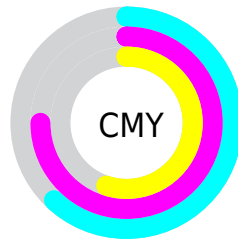
- Red (38%)
- Green (25%)
- Blue (45%)



- Red (38%)
- Yellow (25%)
- Blue (45%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2680, 17.1229, 14.6740 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 80.2680, 17.1229, 14.6740 by changing the saturation by 10% instead.

80.2680, 17.1229,
14.6740

80.2680, 17.1229,
14.6740

255.0000, 0.0000,
0.0000

56.7410, 16.3967,
14.2591

130.5070, 17.9910,
16.2184

34.6160, 15.9653,
12.6148

156.3330, 18.5698,
17.2480

13.6870, 14.9443,
13.4295

183.4470, 19.0066,
17.1480

3.2090, 9.7570,
-2.8143

211.2730, 19.5854,
18.1776

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 80.2680, 17.1229,
14.6740

■ 80.2680, 17.1229,
14.6740

■ 72.6150, 20.8958,
17.8776

■ 88.5080, 13.0606,
10.9555

■ 64.3750, 24.9581,
21.5961

■ 96.1610, 9.2876,
7.7518

■ 56.7220, 28.7311,
24.7998

■ 104.4010, 5.2253,
4.0333

■ 48.1830, 32.9408,
27.9035

■ 112.3530, 1.3050,
1.4444

■ 39.9430, 37.0031,
31.6220

■ 120.5930, -2.7573,
-2.2741

■ 35.2360, 39.3237,
33.9960

■ 128.2460, -6.5303,
-5.4777

■ 136.4860,
-10.5926, -9.1962

■ 144.1390,
-14.3655, -12.3999

■ 152.3790,
-18.4278, -16.1184

Harmonies

Analogous

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



76.0620, 26.0984, -17.5944



80.2680, 17.1229, 14.6740



79.2400, 6.2907, 35.7465

Triad

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



80.2680, 17.1229, 14.6740



75.7970, -25.5359, 23.8570



63.7910, 13.4140, -55.9447

Complementary

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



80.2680, 17.1229, 14.6740



99.7320, -17.1229, -14.6740

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.



60.1260, 1.9099, -52.7305



80.2680, 17.1229, 14.6740



73.7900, -25.0395, 4.5692

Square

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



80.2680, 17.1229, 14.6740



76.9480, -17.7224, 37.7566



70.1660, -15.3648, -18.5626



65.3530, 24.4760, -57.3146

Rectangle

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



80.2680, 17.1229, 14.6740



77.8080, -1.8773, 42.2644



70.1660, -15.3648, -18.5626



62.7650, 9.4829, -55.0449

Sweetspot

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



80.2680, 17.1229, 14.6740



136.7540, 6.5303, 5.4777



81.2660, 16.6309, -14.2653



67.8740, 4.4991, 3.6185



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.



80.2680, 17.1229, 14.6740



95.8420, 26.6999, 22.9406



84.8520, 11.4120, 26.4398



54.8800, 2.0312, 1.8592



37.2300, 41.7916, 35.7553



76.3400, 85.6144, 73.3698

Inverse Universe

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



82.0020, 0.4920, 28.9392



98.5140, 0.7326, 45.1532



95.1480, -11.4120, -26.4398



55.0220, -0.0108, 3.4887



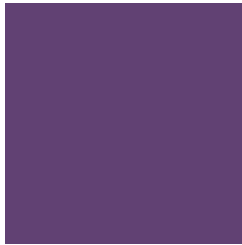
41.4940, 1.2355, 70.6038



85.0100, 2.4601, 144.6962

Previews

White Background



This preview shows how the YUV color 80.2680, 17.1229, 14.6740 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 ✓ Pass

Black Background



This preview shows how the YUV color 80.2680, 17.1229, 14.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 80.2680, 17.1229, 14.6740

Background



This preview shows how black text looks on a background with the YUV color 80.2680, 17.1229, 14.6740.



This preview shows how white text looks on a background with the YUV color 80.2680, 17.1229,

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

80.2680, 17.1229, 14.6740

Protanopia

76.5030, 23.9090, -15.3501

Deuteranopia

77.2170, 17.6410, -11.5913



Tritanopia

79.0660, -0.0325, 10.4661

Trichromacy



Original Color

80.2680, 17.1229, 14.6740

Protanomaly

77.8850, 21.2557, -4.2841

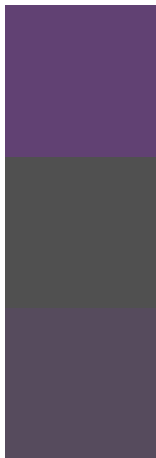
Deuteranomaly

78.5710, 17.4665, -2.2548

Tritanomaly

79.3850, 6.2192, 11.9404

Monochromacy



Original Color

80.2680, 17.1229, 14.6740

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3410, 6.2409, 4.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2680, 17.1229, 14.6740 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(97, 65, 115)` looks like.

```
.text, #text, p{  
    color:rgb(97, 65, 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(97, 65, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 65, 115) }
```

Border

The CSS property to change the border of an element to YUV 80.2680, 17.1229, 14.6740 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(97, 65, 115) }
```


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

```
.border{ border-color:rgb(97, 65, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 65, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 65, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 65, 115);  
box-shadow:4px 4px 4px 4px rgb(97, 65,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 80.2680, 17.1229, 14.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 65, 115) }
```

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

```
.background{ background-color: rgb(97, 65,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor