

Converting Colors

YUV(80.7340, -16.6309,
14.2653)

Have a look what the booklet for
YUV(80.7340, -16.6309, 14.2653)
contains.

YUV(80.7340, -16.6309, 14.2653)	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(80.7340, -16.6309,
14.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	614F2F
RGB	97, 79, 47
RGB Percent	38%, 31%, 18%
CMY	0.6196, 0.6902, 0.8157
CMYK	0.00, 0.19, 0.52, 0.62
HSL	38°, 35%, 28%
HSV	38°, 52%, 38%
XYZ	8.2388, 8.3386, 3.8646
YIQ	80.7340, 21.0000, -6.1360

Conversions

Conversions Part 2

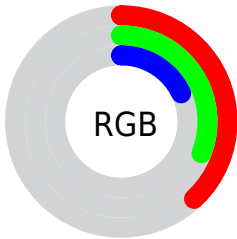
Format	Color
R_YB	75, 97, 47
Decimal	6377263
CIE Lab	34.68, 2.84, 21.65
CIE LCh	35, 21.835, 82.524
Yxy	8.3386, 0.4030, 0.4079
Android (android.graphics.Color)	4284567343 (0xFF614F2F)
YUV	80.7340, -16.6309, 14.2653
Hunter-Lab	28.8766, 0.3941, 12.2788

Details

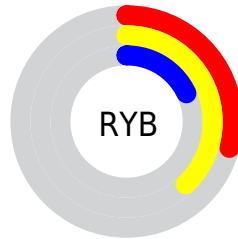
The YUV color **80.7340, -16.6309, 14.2653** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.2660, 16.6309, -14.2653**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4030, -17.9467, 16.3096**, and **35.1960, -17.3516, 12.1061** is the 20% darker color. If you saturate the color by 10%, you get **77.8330, -20.1307, 16.8095**, and if you desaturate by 10%, it is **83.6350, -13.1311, 11.7211**.

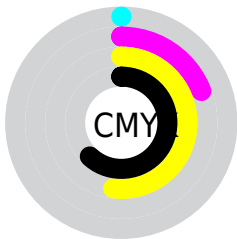
Distribution



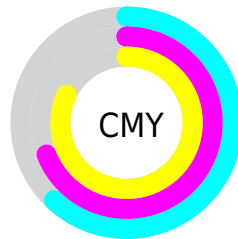
- Red (38%)
- Green (31%)
- Blue (18%)



- Red (29%)
- Yellow (38%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (62%)



- Cyan (62%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7340, -16.6309, 14.2653 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 80.7340, -16.6309, 14.2653 by changing the saturation by 10% instead.

80.7340, -16.6309,
14.2653

80.7340, -16.6309,
14.2653

255.0000, 0.0000,
0.0000

57.2500, -15.8993,
12.9358

130.4030,
-17.9467, 16.3096

35.1960, -17.3516,
12.1061

156.4740,
-18.9677, 17.1243

15.9920, -7.8841,
8.7770

183.6590,
-19.5519, 17.8391

0.0000, 0.0000,
0.0000

210.9580,
-19.6993, 18.4538

237.3490,
-19.3991, 15.4799

251.6940,

-12.6671, 2.8994

■ 80.7340, -16.6309,
14.2653

■ 80.7340, -16.6309,
14.2653

■ 77.8330, -20.1307,
16.8095

■ 83.6350, -13.1311,
11.7211

■ 74.4590, -22.9043,
19.7685

■ 87.0090, -10.3574,
8.7621

■ 71.5580, -26.4041,
22.3126

■ 89.9100, -6.8576,
6.2179

■ 68.0700, -29.6145,
25.3716

■ 93.3980, -3.6472,
3.1590

■ 65.3970, -32.2407,
27.7158

■ 96.2990, -0.1474,
0.6148

■ 99.6730, 2.6262,
-2.3442

■ 102.5740, 6.1260,
-4.8884

■ 106.0620, 9.3364,
-7.9474

■ 108.8490, 12.3994,
-10.3916

Harmonies

Analogous

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



82.0110, -13.3164, 24.5464



80.7340, -16.6309, 14.2653



79.4010, -14.9877, 0.5253

Triad

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



80.7340, -16.6309, 14.2653



68.3190, 12.6607, -47.6378



83.6070, 9.5607, 13.4997

Complementary

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



80.7340, -16.6309, 14.2653



63.2660, 16.6309, -14.2653

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.



82.3920, 15.5827, -4.7288



80.7340, -16.6309, 14.2653



70.3500, 19.0545, -45.0339

Square

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



80.7340, -16.6309, 14.2653



73.1440, 1.4080, -31.6983



77.7700, 18.8474, -25.2313



83.3220, 1.8133, 25.1506

Rectangle

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



80.7340, -16.6309, 14.2653



77.3720, -11.0294, -9.0962



77.7700, 18.8474, -25.2313



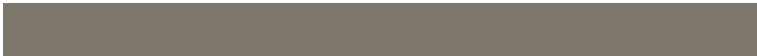
83.4430, 11.6136, 8.3815

Sweetspot

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



80.7340, -16.6309, 14.2653



118.7250, -6.2734, 5.5032



64.0020, 0.4920, 28.9392



60.2840, -4.0840, 3.2589



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



80.7340, -16.6309, 14.2653



99.6720, -25.9673, 22.2127



89.2070, -20.8081, 0.6955



46.9570, -1.4578, 0.9147



75.7520, -37.3457, 31.7895



161.5710, -79.6545, 68.7822

Inverse Universe

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



63.2660, 16.6309, -14.2653



72.3280, 25.9673, -22.2127



54.7930, 20.8081, -0.6955



45.0430, 1.4578, -0.9147



36.2480, 37.3457, -31.7895



77.8420, 79.9439, -68.2674

Previews

White Background



This preview shows how the YUV color 80.7340, -16.6309, 14.2653 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 80.7340, -16.6309, 14.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

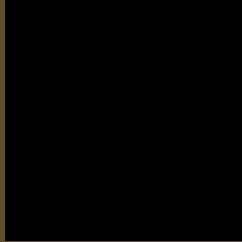
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7340, -16.6309, 14.2653

Background



This preview shows how black text looks on a background with the YUV color 80.7340, -16.6309, 14.2653.

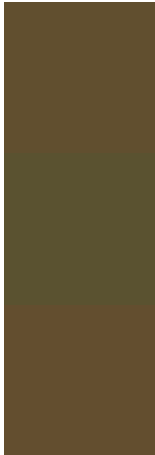


This preview shows how white text looks on a background with the YUV color 80.7340, -16.6309,

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

80.7340, -16.6309, 14.2653

Protanopia

80.5160, -16.0304, 8.3175

Deuteranopia

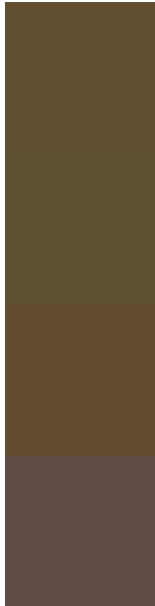
80.7450, -16.6363, 16.0096



Tritanopia

83.1590, -1.0644, 14.7696

Trichromacy



Original Color

80.7340, -16.6309, 14.2653

Protanomaly

80.8260, -16.1832, 10.6766

Deuteranomaly

80.4460, -16.4889, 15.3949

Tritanomaly

82.0790, -6.4479, 14.8397

Monochromacy



Original Color

80.7340, -16.6309, 14.2653

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8390, -5.8366, 5.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7340, -16.6309, 14.2653 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, 79, 47)` looks like.

```
.text, #text, p{  
    color:rgb(97, 79, 47)  
}
```

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, 79, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 79, 47) }
```

Border

The CSS property to change the border of an element to YUV 80.7340, -16.6309, 14.2653 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, 79, 47) }
```


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

```
.border{ border-color:rgb(97, 79, 47) }
```

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

Here you see how a box with a 4 pixel rgb(97, 79, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 79, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 79, 47);  
box-shadow:4px 4px 4px 4px rgb(97, 79, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.7340, -16.6309, 14.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 79, 47) }
```

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

```
.background{ background-color: rgb(97, 79,  
47) }
```

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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