

Converting Colors

YUV(80.4290, -14.0155,
15.4098)

Have a look what the booklet for
YUV(80.4290, -14.0155, 15.4098)
contains.

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Color

**YUV(80.4290, -14.0155,
15.4098)**

Conversions

Conversions Part 1

Format	Color
Hex	624D34
RGB	98, 77, 52
RGB Percent	38%, 30%, 20%
CMY	0.6157, 0.6980, 0.7961
CMYK	0.00, 0.21, 0.47, 0.62
HSL	33°, 31%, 29%
HSV	33°, 47%, 38%
XYZ	8.3107, 8.1524, 4.3844
YIQ	80.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

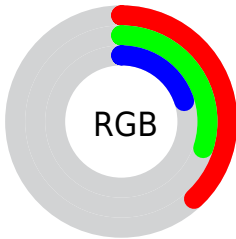
Format	Color
RYB	91, 98, 52
Decimal	6442292
CIELab	34.30, 5.12, 18.17
CIElCh	34, 18.878, 74.261
Yxy	8.1524, 0.3986, 0.3910
Android (android.graphics.Color)	4284632372 (0xFF624D34)
YUV	80.4290, -14.0155, 15.4098
Hunter-Lab	28.5523, 1.9893, 10.8824

Details

The YUV color **80.4290, -14.0155, 15.4098** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **69.5710, 14.0155, -15.4098**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0980, -15.3313, 17.4541**, and **35.1190, -13.8627, 13.0506** is the 20% darker color. If you saturate the color by 10%, you get **76.9410, -17.2259, 18.4687**, and if you desaturate by 10%, it is **83.9170, -10.8051, 12.3508**.

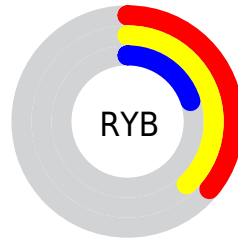
Distribution



Red (38%)

Green (30%)

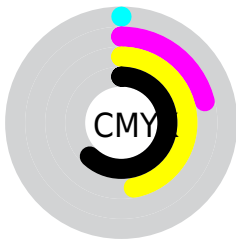
Blue (20%)



Red (36%)

Yellow (38%)

Blue (20%)

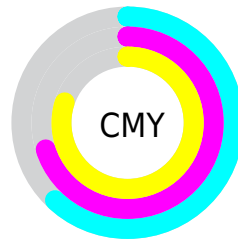


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (62%)



Cyan (62%)

Magenta (70%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4290, -14.0155, 15.4098 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 80.4290, -14.0155, 15.4098 by changing the saturation by 10% instead.

80.4290, -14.0155,
15.4098

80.4290, -14.0155,
15.4098

255.0000, 0.0000,
0.0000

56.9450, -13.2839,
14.0802

130.0980,
-15.3313, 17.4541

35.1190, -13.8627,
13.0506

156.2830,
-15.9155, 18.1688

14.8290, -7.3107,
11.5510

182.8810,
-16.2103, 19.3984

0.0000, 0.0000,
0.0000

210.6530,
-17.0839, 19.5983

236.8590,
-16.1995, 15.9097

252.3780,

-10.0464, 2.2995

■ 80.4290, -14.0155,
15.4098

■ 80.4290, -14.0155,
15.4098

■ 76.9410, -17.2259,
18.4687

■ 83.9170, -10.8051,
12.3508

■ 72.8660, -20.1469,
22.0425

■ 87.9920, -7.8841,
8.7770

■ 69.4920, -22.9206,
25.0015

■ 91.3660, -5.1104,
5.8180

■ 65.4170, -25.8416,
28.5753

■ 95.4410, -2.1894,
2.2442

■ 61.9290, -29.0520,
31.6343

■ 98.9290, 1.0210,
-0.8147

■ 60.4130, -29.7836,
32.9638

■ 103.0040, 3.9420,
-4.3885

■ 106.4920, 7.1524,
-7.4475

■ 110.4530, 9.6367,
-10.9213

■ 113.9410, 12.8471,
-13.9803

Harmonies

Analogous

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



81.3960, -10.5482, 23.3317



80.4290, -14.0155, 15.4098



79.0640, -13.8356, 4.3289

Triad

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



80.4290, -14.0155, 15.4098



72.3270, 7.2338, -33.6128



82.5740, 9.5770, 8.2666

Complementary

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



80.4290, -14.0155, 15.4098



69.5710, 14.0155, -15.4098

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.



80.7290, 14.4306, -8.5323



80.4290, -14.0155, 15.4098



72.4390, 14.0806, -36.3420

Square

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



80.4290, -14.0155, 15.4098



74.5150, -1.2399, -22.3767



76.0860, 16.2266, -24.6314



82.6310, 3.1399, 19.6176

Rectangle

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



80.4290, -14.0155, 15.4098



77.9920, -11.3351, -4.3780



76.0860, 16.2266, -24.6314



81.9970, 11.3405, 2.6336

Sweetspot

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



80.4290, -14.0155, 15.4098



120.6650, -5.2578, 6.4328



68.1480, 2.3920, 26.1802



59.8110, -3.3578, 3.6738



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.



80.4290, -14.0155, 15.4098



100.4210, -21.8996, 24.1868



92.1580, -19.7979, 3.3694



46.3700, -1.1684, 1.4295



69.2950, -34.1624, 37.4523



148.0700, -72.9985, 80.6226

Inverse Universe

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



69.5710, 14.0155, -15.4098



83.5790, 21.8996, -24.1868



57.8420, 19.7979, -3.3694



45.6300, 1.1684, -1.4295



42.7050, 34.1624, -37.4523



91.3430, 73.2879, -80.1078

Previews

White Background



This preview shows how the YUV color 80.4290, -14.0155, 15.4098 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 80.4290, -14.0155, 15.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

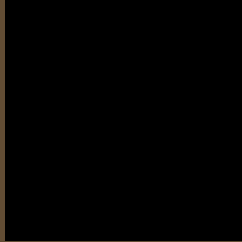
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4290, -14.0155, 15.4098

Background



This preview shows how black text looks on a background with the YUV color 80.4290, -14.0155, 15.4098.



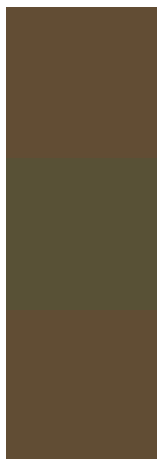
This preview shows how white text looks on a background with the YUV color 80.4290, -14.0155,

15.4098.

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

80.4290, -14.0155, 15.4098

Protanopia

80.0150, -12.8254, 7.0028

Deuteranopia

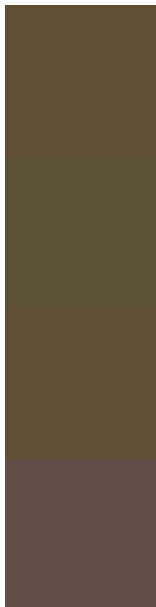
80.1300, -13.8681, 14.7950



Tritanopia

82.6430, -1.7960, 16.0991

Trichromacy



Original Color

80.4290, -14.0155, 15.4098

Protanomaly

80.5100, -13.5624, 10.0767

Deuteranomaly

80.1300, -13.8681, 14.7950

Tritanomaly

81.7910, -6.3060, 15.9693

Monochromacy



Original Color

80.4290, -14.0155, 15.4098

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4290, -14.0155, 15.4098 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(98, 77, 52)` looks like.

```
.text, #text, p{  
    color:rgb(98, 77, 52)  
}
```

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(98, 77, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 77, 52) }
```

Border

The CSS property to change the border of an element to YUV 80.4290, -14.0155, 15.4098 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(98, 77, 52) }
```


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

```
.border{ border-color:rgb(98, 77, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 77, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 77, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 77, 52);  
box-shadow:4px 4px 4px 4px rgb(98, 77, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.4290, -14.0155, 15.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 77, 52) }
```

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

```
.background{ background-color: rgb(98, 77,  
52) }
```

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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