

Converting Colors

YUV(64.2780, -14.9271,
27.8202)

Have a look what the booklet for
YUV(64.2780, -14.9271, 27.8202)
contains.

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Color

**YUV(64.2780, -14.9271,
27.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	603622
RGB	96, 54, 34
RGB Percent	38%, 21%, 13%
CMY	0.6235, 0.7882, 0.8667
CMYK	0.00, 0.44, 0.65, 0.62
HSL	19°, 48%, 25%
HSV	19°, 65%, 38%
XYZ	6.4318, 5.2406, 2.1859
YIQ	64.2780, 31.4520, 2.6840

Conversions

Conversions Part 2

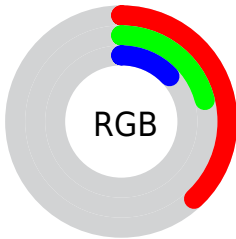
Format	Color
R_{YB}	96, 64, 34
Decimal	6305314
CIE _{Lab}	27.41, 16.64, 20.49
CIE _{LCh}	27, 26.394, 50.914
Yxy	5.2406, 0.4641, 0.3782
Android (android.graphics.Color)	4284495394 (0xFF603622)
YUV	64.2780, -14.9271, 27.8202
Hunter-Lab	22.8924, 10.0890, 10.3633

Details

The YUV color **64.2780, -14.9271, 27.8202** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.7220, 14.9271, -27.8202**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8440, -16.6851, 31.7088**, and **20.2110, -9.9640, 22.6170** is the 20% darker color. If you saturate the color by 10%, you get **59.0290, -17.2693, 32.4236**, and if you desaturate by 10%, it is **69.5270, -12.5848, 23.2168**.

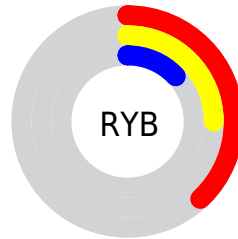
Distribution



Red (38%)

Green (21%)

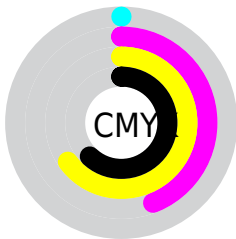
Blue (13%)



Red (38%)

Yellow (25%)

Blue (13%)

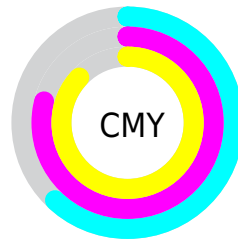


Cyan (0%)

Magenta (44%)

Yellow (65%)

Black (62%)



Cyan (62%)

Magenta (79%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2780, -14.9271, 27.8202 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 64.2780, -14.9271, 27.8202 by changing the saturation by 10% instead.

■ 64.2780, -14.9271,
27.8202

■ 64.2780, -14.9271,
27.8202

■ 255.0000, 0.0000,
0.0000

■ 41.1960, -13.9006,
25.2611

■ 112.8440,
-16.6851, 31.7088

■ 20.2110, -9.9640,
22.6170

■ 138.6270,
-17.5641, 33.6531

■ 4.1860, -2.0637,
8.6069

■ 165.1110,
-18.2957, 34.9827

■ 0.0000, 0.0000,
0.0000

■ 192.5950,
-19.0273, 36.3122

■ 218.3880,
-18.4323, 32.1087

■ 238.0160,

-14.3049, 14.8950

252.9480, -7.8624,
1.7996

64.2780, -14.9271,
27.8202

64.2780, -14.9271,
27.8202

59.0290, -17.2693,
32.4236

69.5270, -12.5848,
23.2168

54.4810, -19.4641,
36.4122

74.0750, -10.3900,
19.2282

49.2320, -21.8064,
41.0155

79.3240, -8.0477,
14.6249

46.9010, -23.1222,
43.0598

83.8720, -5.8529,
10.6363

89.1210, -3.5107,
6.0329

■ 93.7830, -0.8790,
1.9443

■ 98.9180, 1.0264,
-2.5591

■ 103.5800, 3.6581,
-6.6477

■ 108.7150, 5.5635,
-11.1511

Harmonies

Analogous

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



64.7870, -6.7970, 33.5128



64.2780, -14.9271, 27.8202



63.0610, -19.2571, 16.6095

Triad

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



64.2780, -14.9271, 27.8202



50.6370, 3.6300, -44.4086



64.7660, 18.3564, -7.6878

Complementary

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



64.2780, -14.9271, 27.8202



65.7220, 14.9271, -27.8202

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.



52.9570, 25.1642, -44.6893



64.2780, -14.9271, 27.8202



53.0310, 12.8027, -46.5082

Square

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



64.2780, -14.9271, 27.8202



58.2570, -9.9867, -16.8884



53.7950, 20.8071, -47.1782



67.0740, 11.3025, 14.8441

Rectangle

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



64.2780, -14.9271, 27.8202



61.9950, -19.2245, 6.1434



53.7950, 20.8071, -47.1782



62.5800, 20.4201, -16.2947

Sweetspot

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



64.2780, -14.9271, 27.8202



112.8720, -5.8529, 10.6363



57.3260, 9.2063, 33.9171



56.4200, -3.6581, 6.6477



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.



64.2780, -14.9271, 27.8202



75.0860, -23.7064, 43.7746



82.4750, -23.8982, 11.8614



45.7830, -0.8790, 1.9443



54.6200, -26.9277, 50.3223



116.9590, -57.6608, 107.9070

Inverse Universe

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



65.7220, 14.9271, -27.8202



77.5010, 23.4170, -44.2894



47.5250, 23.8982, -11.8614



46.2170, 0.8790, -1.9443



57.3800, 26.9277, -50.3223



122.4540, 57.9502, -107.3922

Previews

White Background



This preview shows how the YUV color 64.2780, -14.9271, 27.8202 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 64.2780, -14.9271, 27.8202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

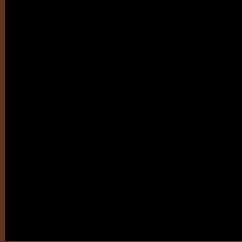
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2780, -14.9271, 27.8202

Background



This preview shows how black text looks on a background with the YUV color 64.2780, -14.9271, 27.8202.

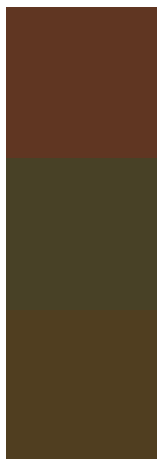


This preview shows how white text looks on a background with the YUV color 64.2780, -14.9271,

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

64.2780, -14.9271, 27.8202

Protanopia

64.0150, -12.8254, 7.0028

Deuteranopia

63.9620, -15.7573, 14.0653



Tritanopia

65.2100, -5.0335, 27.8798

Trichromacy



Original Color

64.2780, -14.9271, 27.8202

Protanomaly

64.2440, -13.4313, 14.6950

Deuteranomaly

64.1090, -15.3367, 19.1984

Tritanomaly

64.8850, -8.8173, 28.1649

Monochromacy



Original Color

64.2780, -14.9271, 27.8202

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9860, -5.4161, 10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2780, -14.9271, 27.8202 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(96, 54, 34)` looks like.

```
.text, #text, p{  
    color:rgb(96, 54, 34)  
}
```

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(96, 54, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 54, 34) }
```

Border

The CSS property to change the border of an element to YUV 64.2780, -14.9271, 27.8202 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(96, 54, 34) }
```


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

```
.border{ border-color:rgb(96, 54, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 54, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 54, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 54, 34);  
box-shadow:4px 4px 4px 4px rgb(96, 54, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.2780, -14.9271, 27.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 54, 34) }
```

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

```
.background{ background-color: rgb(96, 54,  
34) }
```

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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