

Converting Colors

YUV(82.0960, -8.9213, 14.8248)

Have a look what the booklet for
YUV(82.0960, -8.9213, 14.8248)
contains.

YUV(82.0960, -8.9213, 14.8248)	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(82.0960, -8.9213,
14.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	634D40
RGB	99, 77, 64
RGB Percent	39%, 30%, 25%
CMY	0.6118, 0.6980, 0.7490
CMYK	0.00, 0.22, 0.35, 0.61
HSL	22°, 21%, 32%
HSV	22°, 35%, 39%
XYZ	8.7249, 8.3306, 5.9986
YIQ	82.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

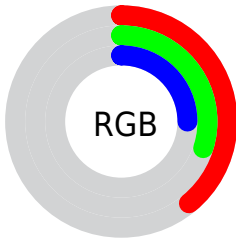
Format	Color
R_{YB}	99, 85, 64
Decimal	6507840
CIE Lab	34.66, 7.18, 11.25
CIE LCh	35, 13.343, 57.448
Yxy	8.3306, 0.3785, 0.3613
Android (android.graphics.Color)	4284697920 (0xFF634D40)
YUV	82.0960, -8.9213, 14.8248
Hunter-Lab	28.8627, 3.4488, 7.8815




Details

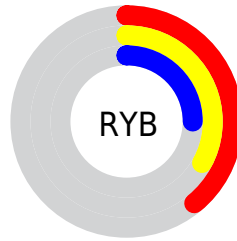
The YUV color **82.0960, -8.9213, 14.8248** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80.9040, 8.9213, -14.8248**, and the grayscale version is **82.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.8790, -9.8003, 16.7691**, and **37.0140, -7.8949, 12.2657** is the 20% darker color. If you saturate the color by 10%, you get **77.4340, -11.5530, 18.9134**, and if you desaturate by 10%, it is **86.7580, -6.2897, 10.7362**.

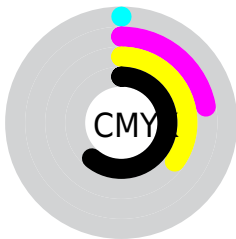
Distribution







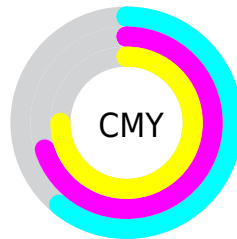
-  Red (39%)
-  Green (30%)
-  Blue (25%)






-  Red (39%)
-  Yellow (33%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (35%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (70%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0960, -8.9213, 14.8248 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 82.0960, -8.9213, 14.8248 by changing the saturation by 10% instead.

■ 82.0960, -8.9213,
14.8248

■ 82.0960, -8.9213,
14.8248

■ 255.0000, 0.0000,
0.0000

■ 58.9110, -8.3371,
14.1101

■ 131.8790, -9.8003,
16.7691

■ 37.0140, -7.8949,
12.2657

■ 158.0640,
-10.3846, 17.4839

■ 15.7260, -7.7529,
13.3953

■ 184.9500,
-10.8213, 17.5839

■ 0.0000, 0.0000,
0.0000

■ 212.6620,
-10.6794, 18.7134

■ 238.4550,
-10.0843, 14.5100

■ 254.0880, -3.4944,

0.7998

■ 82.0960, -8.9213,
14.8248

■ 82.0960, -8.9213,
14.8248

■ 77.4340, -11.5530,
18.9134

■ 86.7580, -6.2897,
10.7362

■ 72.7720, -14.1846,
23.0020

■ 91.4200, -3.6581,
6.6477

■ 67.5230, -16.5268,
27.6053

■ 96.6690, -1.3158,
2.0443

■ 62.8610, -19.1585,
31.6939

■ 101.3310, 1.3158,
-2.0443

■ 58.1990, -21.7901,
35.7825

■ 105.9930, 3.9475,
-6.1329

■ 53.6510, -23.9849,
39.7711

■ 110.5410, 6.1423,
-10.1215

■ 51.3200, -25.3008,
41.8154

■ 115.7900, 8.4845,
-14.7248

■ 120.4520, 11.1162,
-18.8134

■ 125.1140, 13.7478,
-22.9020

Harmonies

Analogous

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



82.4430, -5.1484, 18.0285



82.0960, -8.9213, 14.8248



80.7100, -10.2100, 8.1473

Triad

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



82.0960, -8.9213, 14.8248



77.5200, 1.2226, -18.8730



82.2910, 8.7305, -0.2552

Complementary

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



82.0960, -8.9213, 14.8248



80.9040, 8.9213, -14.8248

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.



80.6810, 10.5103, -11.1212



82.0960, -8.9213, 14.8248



76.6920, 7.0538, -22.5319

Square

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



82.0960, -8.9213, 14.8248



78.4950, -4.1880, -10.0811



78.5120, 10.1006, -19.7430



83.3200, 4.7722, 9.3664

Rectangle

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



82.0960, -8.9213, 14.8248



80.4920, -9.6096, 2.1995



78.5120, 10.1006, -19.7430



81.6110, 10.0518, -4.0438

Sweetspot

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



82.0960, -8.9213, 14.8248



121.0070, -3.9475, 6.1329



76.9730, 4.4503, 19.3177



60.0390, -2.4842, 3.4738



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.



82.0960, -8.9213, 14.8248



101.8860, -13.7478, 22.9020



92.0750, -13.8410, 6.0732



45.7830, -0.8790, 1.9443



58.1420, -28.6640, 47.2335



124.0030, -61.1335, 101.7294

Inverse Universe

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



80.9040, 8.9213, -14.8248



100.1140, 13.7478, -22.9020



70.9250, 13.8410, -6.0732



46.2170, 0.8790, -1.9443



54.4450, 28.3746, -47.7483



115.9970, 61.1335, -101.7294

Previews

White Background



This preview shows how the YUV color 82.0960, -8.9213, 14.8248 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 82.0960, -8.9213, 14.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

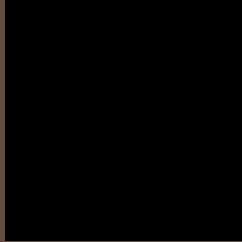
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0960, -8.9213, 14.8248

Background



This preview shows how black text looks on a background with the YUV color 82.0960, -8.9213, 14.8248.

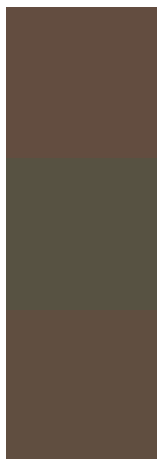


This preview shows how white text looks on a background with the YUV color 82.0960, -8.9213,

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

82.0960, -8.9213, 14.8248

Protanopia

81.6710, -7.7258, 4.6735

Deuteranopia

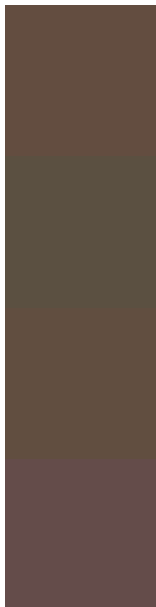
81.7860, -8.7685, 12.4657



Tritanopia

83.3440, -1.6486, 15.4843

Trichromacy



Original Color

82.0960, -8.9213, 14.8248

Protanomaly

81.5790, -8.1734, 8.2622

Deuteranomaly

82.0850, -8.9159, 13.0805

Tritanomaly

82.9480, -4.4114, 14.9546

Monochromacy



Original Color

82.0960, -8.9213, 14.8248

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8220, -3.3632, 5.4181

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0960, -8.9213, 14.8248 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(99, 77, 64)` looks like.

```
.text, #text, p{  
    color:rgb(99, 77, 64)  
}
```

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(99, 77, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 77, 64) }
```

Border

The CSS property to change the border of an element to YUV 82.0960, -8.9213, 14.8248 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(99, 77, 64) }
```


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

```
.border{ border-color:rgb(99, 77, 64) }
```

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

Here you see how a box with a 4 pixel rgb(99, 77, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 77, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 77, 64);  
box-shadow:4px 4px 4px 4px rgb(99, 77, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.0960, -8.9213, 14.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 77, 64) }
```

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

```
.background{ background-color: rgb(99, 77,  
64) }
```

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