

Converting Colors

YUV(84.1960, -13.9006,
25.2611)

Have a look what the booklet for
YUV(84.1960, -13.9006, 25.2611)
contains.

| | |
|--|----|
| YUV(84.1960, -13.9006, 25.2611) | 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(84.1960, -13.9006,
25.2611)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 714B38 |
| RGB | 113, 75, 56 |
| RGB Percent | 44%, 29%, 22% |
| CMY | 0.5569, 0.7059, 0.7804 |
| CMYK | 0.00, 0.34, 0.50, 0.56 |
| HSL | 20°, 34%, 33% |
| HSV | 20°, 50%, 44% |
| XYZ | 10.0399, 8.8284, 4.9163 |
| YIQ | 84.1960, 28.7470, 2.1470 |

Conversions

Conversions Part 2

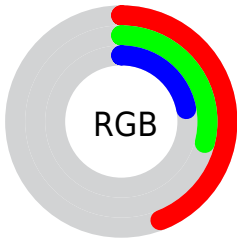
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 113, 85, 56 |
| Decimal | 7424824 |
| CIE _{Lab} | 35.65, 13.72, 17.84 |
| CIE _{LCh} | 36, 22.503, 52.434 |
| Yxy | 8.8284, 0.4221, 0.3712 |
| Android (android.graphics.Color) | 4285614904 (0xFF714B38) |
| YUV | 84.1960, -13.9006, 25.2611 |
| Hunter-Lab | 29.7126, 8.3184, 10.9887 |

Details

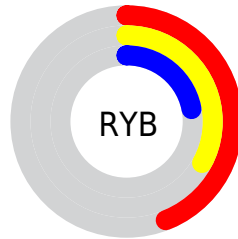
The YUV color **84.1960, -13.9006, 25.2611** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.8040, 13.9006, -25.2611**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4630, -15.5113, 28.5349**, and **38.5160, -12.5794, 21.4725** is the 20% darker color. If you saturate the color by 10%, you get **78.2460, -16.3903, 30.4793**, and if you desaturate by 10%, it is **90.1460, -11.4110, 20.0430**.

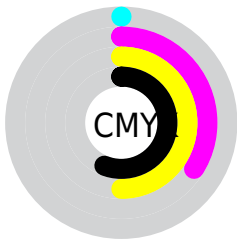
Distribution



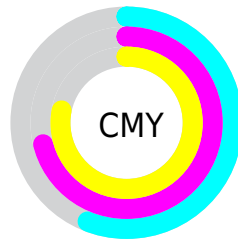
- Red (44%)
- Green (29%)
- Blue (22%)



- Red (44%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1960, -13.9006, 25.2611 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 84.1960, -13.9006, 25.2611 by changing the saturation by 10% instead.

84.1960, -13.9006,
25.2611

84.1960, -13.9006,
25.2611

255.0000, 0.0000,
0.0000

60.4130, -13.0216,
23.3168

134.4630,
-15.5113, 28.5349

38.5160, -12.5794,
21.4725

160.6480,
-16.0955, 29.2497

16.9440, -8.3534,
19.3431

188.1320,
-16.8271, 30.5792

0.0000, 0.0000,
0.0000

215.7300,
-17.1219, 31.8088

236.2550,
-13.4367, 16.4394

252.9480, -7.8624,

1.7996

■ 84.1960, -13.9006,
25.2611

■ 84.1960, -13.9006,
25.2611

■ 78.2460, -16.3903,
30.4793

■ 90.1460, -11.4110,
20.0430

■ 72.7690, -19.6061,
35.2826

■ 95.6230, -8.1951,
15.2396

■ 66.8190, -22.0958,
40.5007

■ 101.5730, -5.7055,
10.0215

■ 61.4560, -24.8748,
45.2041

■ 106.9360, -2.9264,
5.3181

■ 56.0930, -27.6538,
49.9074

■ 113.0000, 0.0000,
0.0000

■ 118.3630, 2.7790,
-4.7034

■ 124.3130, 5.2687,
-9.9215

■ 129.6760, 8.0477,
-14.6249

■ 135.7400, 10.9742,
-19.9430

Harmonies

Analogous

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



85.3520, -7.0755, 29.5093



84.1960, -13.9006, 25.2611



82.9190, -17.2151, 14.9800

Triad

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



84.1960, -13.9006, 25.2611



74.9590, 1.9922, -32.4130



84.5060, 16.0195, -4.8288

Complementary

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



84.1960, -13.9006, 25.2611



84.8040, 13.9006, -25.2611

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.



79.5850, 19.4316, -25.9460



84.1960, -13.9006, 25.2611



69.2370, 13.6872, -50.1968

Square

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



84.1960, -13.9006, 25.2611



78.6100, -8.6817, -15.4440



71.5670, 19.9335, -46.9783



86.0200, 9.8501, 14.0145

Rectangle

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



84.1960, -13.9006, 25.2611



81.6790, -16.6037, 5.5435



71.5670, 19.9335, -46.9783



83.2170, 17.6410, -11.5913

Sweetspot

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



84.1960, -13.9006, 25.2611



136.6870, -5.2687, 9.9215



77.3750, 8.1961, 31.2431



67.2350, -3.0739, 5.9329



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.1960, -13.9006, 25.2611



102.5200, -21.9484, 39.8860



100.6320, -22.0036, 10.8467



52.9680, -1.4632, 2.6591



59.3600, -29.2645, 53.1813



121.9870, -60.1396, 109.6364

Inverse Universe

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



84.8040, 13.9006, -25.2611



103.4800, 21.9484, -39.8860



68.3680, 22.0036, -10.8467



53.0320, 1.4632, -2.6591



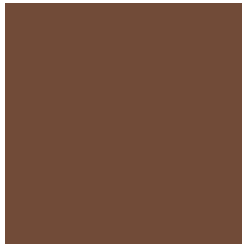
60.6400, 29.2645, -53.1813



125.0130, 60.1396, -109.6364

Previews

White Background



This preview shows how the YUV color 84.1960, -13.9006, 25.2611 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 84.1960, -13.9006, 25.2611 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 84.1960, -13.9006, 25.2611

Background



This preview shows how black text looks on a background with the YUV color 84.1960, -13.9006, 25.2611.



This preview shows how white text looks on a background with the YUV color 84.1960, -13.9006,

25.2611.

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

84.1960, -13.9006, 25.2611

Protanopia

83.3570, -11.5150, 6.7029

Deuteranopia

84.0160, -14.3049, 14.8950



Tritanopia

85.5410, -3.7177, 25.8355

Trichromacy



Original Color

84.1960, -13.9006, 25.2611

Protanomaly

83.8740, -12.2629, 13.2655

Deuteranomaly

84.0380, -14.3157, 18.3837

Tritanomaly

84.9170, -7.3541, 25.5058

Monochromacy



Original Color

84.1960, -13.9006, 25.2611

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3880, -5.1213, 9.3067

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1960, -13.9006, 25.2611 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(113, 75, 56)` looks like.

```
.text, #text, p{  
    color:rgb(113, 75, 56)  
}
```

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(113, 75, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 75, 56) }
```

Border

The CSS property to change the border of an element to YUV 84.1960, -13.9006, 25.2611 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(113, 75, 56) }
```


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

```
.border{ border-color:rgb(113, 75, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 75, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 75, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 75, 56);  
box-shadow:4px 4px 4px 4px rgb(113, 75,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 84.1960, -13.9006, 25.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 75, 56) }
```

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

```
.background{ background-color: rgb(113, 75,  
56) }
```

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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