

Converting Colors

YUV(83.9050, -2.9112, -46.3977)

Have a look what the booklet for
YUV(83.9050, -2.9112, -46.3977)
contains.

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Color

**YUV(83.9050, -2.9112,
-46.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	1F704E
RGB	31, 112, 78
RGB Percent	12%, 44%, 31%
CMY	0.8784, 0.5608, 0.6941
CMYK	0.72, 0.00, 0.30, 0.56
HSL	155°, 57%, 28%
HSV	155°, 72%, 44%
XYZ	7.7344, 12.4297, 9.1993
YIQ	83.9050, -37.3620, -27.7460

Conversions

Conversions Part 2

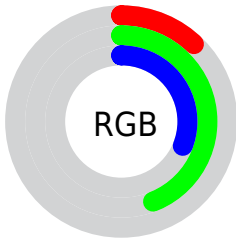
Format	Color
R_{YB}	31, 82, 112
Decimal	2060366
CIE Lab	41.89, -32.86, 12.05
CIE LCh	42, 35.001, 159.858
Yxy	12.4297, 0.2634, 0.4233
Android (android.graphics.Color)	4280250446 (0xFF1F704E)
YUV	83.9050, -2.9112, -46.3977
Hunter-Lab	35.2558, -22.5384, 9.2086

Details

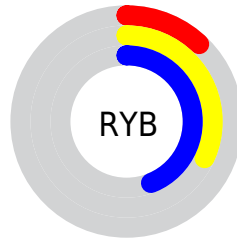
The YUV color **83.9050, -2.9112, -46.3977** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **59.0950, 2.9112, 46.3977**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7590, -4.8112, -43.6386**, and **40.7430, -3.8173, -35.7316** is the 20% darker color. If you saturate the color by 10%, you get **80.0460, -3.4737, -52.6603**, and if you desaturate by 10%, it is **87.7640, -2.3487, -40.1350**.

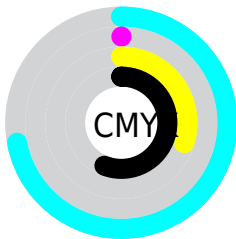
Distribution



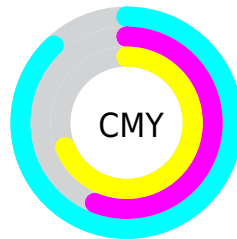
- Red (12%)
- Green (44%)
- Blue (31%)



- Red (12%)
- Yellow (32%)
- Blue (44%)



- Cyan (72%)
- Magenta (0%)
- Yellow (30%)
- Black (56%)



- Cyan (88%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9050, -2.9112, -46.3977 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 83.9050, -2.9112, -46.3977 by changing the saturation by 10% instead.

■ 83.9050, -2.9112,
-46.3977

■ 83.9050, -2.9112,
-46.3977

255.0000, 0.0000,
0.0000

■ 57.3390, -1.1531,
-50.2863

■ 136.7590, -4.8112,
-43.6386

■ 40.7430, -3.8173,
-35.7316

■ 164.2320, -5.5374,
-44.0535

■ 25.4350, -6.6235,
-22.3065

■ 191.8190, -5.8268,
-44.5683

■ 7.6310, -3.7621,
-6.6924

■ 220.4060, -6.1162,
-45.0831

■ 0.0000, 0.0000,
0.0000

■ 235.4920, 0.2504,
-33.7575

■ 246.3290, 4.2748,

-17.8285

■ 83.9050, -2.9112,
-46.3977

■ 83.9050, -2.9112,
-46.3977

■ 80.0460, -3.4737,
-52.6603

■ 87.7640, -2.3487,
-40.1350

■ 76.3010, -3.5994,
-59.0230

■ 91.5090, -2.2229,
-33.7724

■ 73.1540, -4.0199,
-64.1561

■ 95.6670, -1.8078,
-26.8950

■ 99.5260, -1.2453,
-20.6323

■ 103.3850, -0.6828,
-14.3696

■ 107.1300, -0.5571,
-8.0070

■ 110.9890, 0.0054,
-1.7444

■ 115.1470, 0.4205,
5.1331

■ 118.8920, 0.5462,
11.4957

Harmonies

Analogous

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



91.8630, -19.1595, -14.7889



83.9050, -2.9112, -46.3977



78.6430, 14.4730, -68.9699

Triad

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



83.9050, -2.9112, -46.3977



95.9300, 29.6145, -25.3716



98.3940, -17.4492, 43.5045

Complementary

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



83.9050, -2.9112, -46.3977



59.0950, 2.9112, 46.3977

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.



99.4450, -4.6564, 46.9677



83.9050, -2.9112, -46.3977



101.7450, 20.3387, 9.8706

Square

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



83.9050, -2.9112, -46.3977



80.2510, 35.8653, -70.3801



101.2230, 8.7641, 35.7614



97.3140, -26.2838, 30.4196

Rectangle

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



83.9050, -2.9112, -46.3977



80.8090, 22.7722, -70.8695



101.2230, 8.7641, 35.7614



98.5560, -13.0921, 45.9934

Sweetspot

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



83.9050, -2.9112, -46.3977



133.9500, -0.9613, -18.3731



89.0120, -28.5999, -20.1815



67.4070, -0.6937, -10.8809



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.



83.9050, -2.9112, -46.3977



101.2840, -4.5770, -72.1631



84.8460, 13.3869, -47.2229



53.9780, 0.0108, -3.4887



78.4200, -4.1511, -68.7743



161.4050, -8.5807, -141.5522

Inverse Universe

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



59.0950, 2.9112, 46.3977



62.7160, 4.5770, 72.1631



58.1540, -13.3869, 47.2229



52.1360, 0.4260, 3.3887



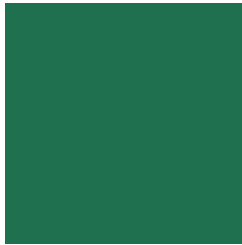
41.5800, 4.1511, 68.7743



85.7090, 9.0175, 141.4522

Previews

White Background



This preview shows how the YUV color 83.9050, -2.9112, -46.3977 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 × Fail

Black Background



This preview shows how the YUV color 83.9050, -2.9112, -46.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 83.9050, -2.9112, -46.3977

Background



This preview shows how black text looks on a background with the YUV color 83.9050, -2.9112, -46.3977.



This preview shows how white text looks on a background with the YUV color 83.9050, -2.9112,

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

83.9050, -2.9112, -46.3977

Protanopia

97.4280, -12.5360, 7.5176

Deuteranopia

99.1990, -8.4791, 12.9805



Tritanopia

90.0860, 12.7756, -37.7864

Trichromacy



Original Color

83.9050, -2.9112, -46.3977

Protanomaly

92.5180, -9.1294, -11.8553

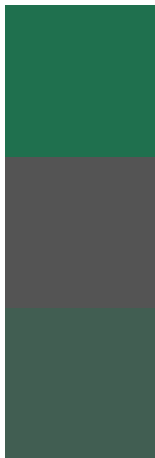
Deuteranomaly

93.6370, -6.2300, -8.4516

Tritanomaly

87.8700, 6.9661, -41.1050

Monochromacy



Original Color

83.9050, -2.9112, -46.3977

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9610, -0.9668, -16.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9050, -2.9112, -46.3977 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(31, 112, 78)` looks like.

```
.text, #text, p{  
    color:rgb(31, 112, 78)  
}
```

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(31, 112, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 112, 78) }
```

Border

The CSS property to change the border of an element to YUV 83.9050, -2.9112, -46.3977 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(31, 112, 78) }
```


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

```
.border{ border-color:rgb(31, 112, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 112, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 112, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 112, 78);  
box-shadow:4px 4px 4px 4px rgb(31, 112,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 83.9050, -2.9112, -46.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 112, 78) }
```

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

```
.background{ background-color: rgb(31, 112,  
78) }
```

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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