

Converting Colors

YUV(84.8020, -26.5244,
14.2056)

Have a look what the booklet for
YUV(84.8020, -26.5244, 14.2056)
contains.

YUV(84.8020, -26.5244, 14.2056)	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(84.8020, -26.5244,
14.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	65571F
RGB	101, 87, 31
RGB Percent	40%, 34%, 12%
CMY	0.6039, 0.6588, 0.8784
CMYK	0.00, 0.14, 0.69, 0.60
HSL	48°, 53%, 26%
HSV	48°, 69%, 40%
XYZ	9.0223, 9.6820, 2.6896
YIQ	84.8020, 26.3200, -14.4480

Conversions

Conversions Part 2

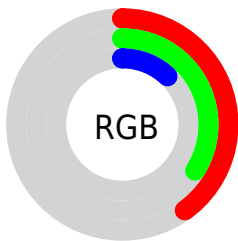
Format	Color
RYB	49, 101, 31
Decimal	6641439
CIELab	37.27, -1.51, 33.59
CIELCh	37, 33.624, 92.570
Yxy	9.6820, 0.4217, 0.4526
Android (android.graphics.Color)	4284831519 (0xFF65571F)
YUV	84.8020, -26.5244, 14.2056
Hunter-Lab	31.1159, -2.6952, 16.6562

Details

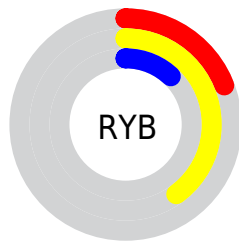
The YUV color **84.8020, -26.5244, 14.2056** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47.1980, 26.5244, -14.2056**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3570, -28.2770, 16.3499**, and **40.2020, -19.8196, 10.3468** is the 20% darker color. If you saturate the color by 10%, you get **82.4880, -30.3136, 16.2350**, and if you desaturate by 10%, it is **87.1160, -22.7352, 12.1763**.

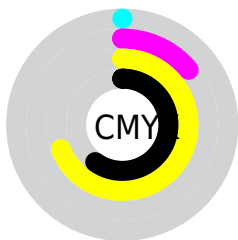
Distribution



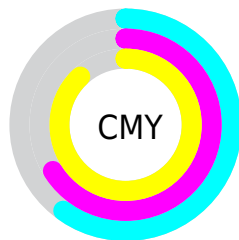
- Red (40%)
- Green (34%)
- Blue (12%)



- Red (19%)
- Yellow (40%)
- Blue (12%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (60%)



- Cyan (60%)
- Magenta (66%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8020, -26.5244, 14.2056 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 84.8020, -26.5244, 14.2056 by changing the saturation by 10% instead.

84.8020, -26.5244,
14.2056

84.8020, -26.5244,
14.2056

255.0000, 0.0000,
0.0000

61.0900, -26.6664,
13.0761

135.3570,
-28.2770, 16.3499

40.2020, -19.8196,
10.3468

161.8410,
-29.0086, 17.6794

20.9870, -10.3466,
5.2734

188.9120,
-30.0296, 18.4942

0.0000, 0.0000,
0.0000

216.5100,
-30.3244, 19.7237

241.3950,
-29.2817, 11.9316

249.8700,

-19.6559, 4.4990

■ 253.0620, -7.4256,
1.6996

■ 84.8020, -26.5244,
14.2056

■ 84.8020, -26.5244,
14.2056

■ 82.4880, -30.3136,
16.2350

■ 87.1160, -22.7352,
12.1763

■ 80.1740, -34.1028,
18.2644

■ 89.4300, -18.9460,
10.1469

■ 77.8600, -37.8920,
20.2938

■ 91.7440, -15.1568,
8.1175

■ 77.7460, -38.3288,
20.3938

■ 94.0580, -11.3676,
6.0881

■ 96.4860, -7.1416,
3.9588

■ 98.8000, -3.3524,
1.9294

■ 101.1140, 0.4368,
-0.1000

■ 103.4280, 4.2260,
-2.1294

■ 105.7420, 8.0152,
-4.1587

Harmonies

Analogous

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



86.5360, -22.9422, 31.9789



84.8020, -26.5244, 14.2056



82.1520, -20.7809, -8.0263

Triad

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



84.8020, -26.5244, 14.2056



72.5110, 21.4401, -63.5921



90.1620, 11.2591, 28.7989

Complementary

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



84.8020, -26.5244, 14.2056



47.1980, 26.5244, -14.2056

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.



89.6300, 21.3814, 2.0785



84.8020, -26.5244, 14.2056



72.3290, 30.8968, -63.4325

Square

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



84.8020, -26.5244, 14.2056



69.4330, 9.6465, -60.8927



80.9780, 30.0838, -35.9377



88.3350, -1.1512, 42.6792

Rectangle

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



84.8020, -26.5244, 14.2056



78.5180, -12.5804, -25.0103



80.9780, 30.0838, -35.9377



90.4430, 15.0646, 21.5365

Sweetspot

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



84.8020, -26.5244, 14.2056



123.9870, -10.3466, 5.2734



53.5260, -4.2033, 41.6347



62.4150, -6.1206, 3.1440



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



84.8020, -26.5244, 14.2056



104.7740, -40.8076, 22.1232



86.7410, -27.4803, -5.9119



49.8430, -1.8946, 1.0147



88.3890, -43.5758, 23.3378



186.2360, -91.8143, 48.9050

Inverse Universe

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



47.1980, 26.5244, -14.2056



47.2260, 40.8076, -22.1232



45.2590, 27.4803, 5.9119



47.1570, 1.8946, -1.0147



26.6110, 43.5758, -23.3378



55.7640, 91.8143, -48.9050

Previews

White Background



This preview shows how the YUV color 84.8020, -26.5244, 14.2056 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 84.8020, -26.5244, 14.2056 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 84.8020, -26.5244, 14.2056

Background



This preview shows how black text looks on a background with the YUV color 84.8020, -26.5244, 14.2056.



This preview shows how white text looks on a background with the YUV color 84.8020, -26.5244,

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

84.8020, -26.5244, 14.2056

Protanopia

84.4920, -26.3716, 11.8465

Deuteranopia

85.2590, -26.2567, 21.6979



Tritanopia

88.9740, -0.4802, 14.0548

Trichromacy



Original Color

84.8020, -26.5244, 14.2056

Protanomaly

84.7910, -26.5190, 12.4613

Deuteranomaly

84.9490, -26.1039, 19.3387

Tritanomaly

87.4550, -10.0843, 14.5100

Monochromacy



Original Color

84.8020, -26.5244, 14.2056

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1010, -9.9098, 5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8020, -26.5244, 14.2056 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(101, 87, 31)` looks like.

```
.text, #text, p{  
    color:rgb(101, 87, 31)  
}
```

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(101, 87, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 87, 31) }
```

Border

The CSS property to change the border of an element to YUV 84.8020, -26.5244, 14.2056 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(101, 87, 31) }
```


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

```
.border{ border-color:rgb(101, 87, 31) }
```

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

Here you see how a box with a 4 pixel rgb(101, 87, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 87, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 87, 31);  
box-shadow:4px 4px 4px 4px rgb(101, 87,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 84.8020, -26.5244, 14.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 87, 31) }
```

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

```
.background{ background-color: rgb(101, 87,  
31) }
```

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