

Converting Colors

YUV(113.0720, -26.1645,
-7.9561)

Have a look what the booklet for
YUV(113.0720, -26.1645, -7.9561)
contains.

YUV(113.0720, -26.1645, -7.9561)	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(113.0720, -26.1645,
-7.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	68803C
RGB	104, 128, 60
RGB Percent	41%, 50%, 24%
CMY	0.5922, 0.4980, 0.7647
CMYK	0.19, 0.00, 0.53, 0.50
HSL	81°, 36%, 37%
HSV	81°, 53%, 50%
XYZ	14.2437, 18.7076, 7.1352
YIQ	113.0720, 7.5240, -26.2360

Conversions

Conversions Part 2

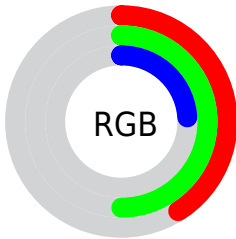
Format	Color
RYB	60, 128, 84
Decimal	6848572
CIELab	50.34, -20.38, 33.75
CIElCh	50, 39.429, 121.125
Yxy	18.7076, 0.3553, 0.4667
Android (android.graphics.Color)	4285038652 (0xFF68803C)
YUV	113.0720, -26.1645, -7.9561
Hunter-Lab	43.2523, -16.9086, 20.4958

Details

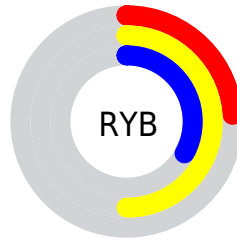
The YUV color $[113.0720, -26.1645, -7.9561]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[74.9280, 26.1645, 7.9561]$, and the grayscale version is $[113.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[165.6160, -27.9117, -7.5562]$, and $[63.8870, -25.5803, -8.6709]$ is the 20% darker color. If you saturate the color by 10%, you get $[110.0950, -31.1058, -9.7303]$, and if you desaturate by 10%, it is $[116.0490, -21.2232, -6.1820]$.

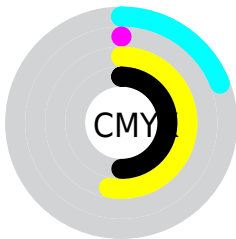
Distribution



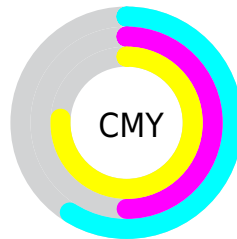
- Red (41%)
- Green (50%)
- Blue (24%)



- Red (24%)
- Yellow (50%)
- Blue (33%)



- Cyan (19%)
- Magenta (0%)
- Yellow (53%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0720, -26.1645, -7.9561 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 113.0720, -26.1645, -7.9561 by changing the saturation by 10% instead.

■ 113.0720,
-26.1645, -7.9561

■ 113.0720,
-26.1645, -7.9561

■ 255.0000, 0.0000,
0.0000

■ 88.1860, -25.7277,
-8.0561

■ 165.6160,
-27.9117, -7.5562

■ 63.8870, -25.5803,
-8.6709

■ 192.5020,
-28.3485, -7.4563

■ 42.4400, -20.9229,
-9.1559

■ 220.9750,
-29.0747, -7.8711

■ 21.1540, -10.4289,
-15.0441

■ 243.2900,
-26.7650, -2.0083

■ 1.1740, -0.5788,
-1.0296

■ 250.6680,
-16.5983, 3.7992

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,

0.8998

■ 113.0720,
-26.1645, -7.9561

■ 113.0720,
-26.1645, -7.9561

■ 110.0950,
-31.1058, -9.7303

■ 116.0490,
-21.2232, -6.1820

■ 107.4170,
-36.1946, -10.8897

■ 118.7270,
-16.1344, -5.0226

■ 104.5540,
-40.6991, -12.7639

■ 121.5900,
-11.6299, -3.1484

■ 101.8760,
-45.7879, -13.9233

■ 124.2680, -6.5411,
-1.9890

■ 99.9530, -49.2768,
-14.8678

■ 127.2450, -1.5998,
-0.2149

■ 129.9230, 3.4890,
0.9445

■ 132.9000, 8.4303,
2.7187

■ 135.4640, 13.0822,
3.9781

■ 138.4410, 18.0236,
5.7522

Harmonies

Analogous

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



116.2280, -32.6504, 19.0940



113.0720, -26.1645, -7.9561



106.4020, -10.0582, -40.6946

Triad

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



113.0720, -26.1645, -7.9561



97.7760, 39.5504, -85.7496



121.2160, -0.5995, 52.4306

Complementary

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



113.0720, -26.1645, -7.9561



74.9280, 26.1645, 7.9561

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.



123.4060, 14.5898, 33.8469



113.0720, -26.1645, -7.9561



111.7580, 37.0943, -44.5148

Square

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



113.0720, -26.1645, -7.9561



97.2740, 27.4729, -85.3093



122.4110, 26.9124, 1.3936



119.8020, -16.1714, 53.6706

Rectangle

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



113.0720, -26.1645, -7.9561



92.1440, 7.8170, -80.8103



122.4110, 26.9124, 1.3936



121.8610, 4.5055, 48.3569

Sweetspot

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



113.0720, -26.1645, -7.9561



159.9320, -10.3195, -3.4484



94.4200, -16.9691, 29.4497



80.6810, -6.2517, -1.4742



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



113.0720, -26.1645, -7.9561



142.5540, -40.6991, -12.7639



102.9060, -21.1527, -28.8586



62.6040, -2.7628, -0.5297



99.6540, -49.1294, -15.4826



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.9280, 26.1645, 7.9561



83.1470, 40.8465, 12.1491



85.0940, 21.1527, 28.8586



58.6950, 2.6154, 1.1445



28.0470, 49.2768, 14.8678



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.0720, -26.1645, -7.9561 looks on a white 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

Black Background



This preview shows how the YUV color 113.0720, -26.1645, -7.9561 looks on a black 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

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

YUV 113.0720, -26.1645, -7.9561

Background



This preview shows how black text looks on a background with the YUV color 113.0720, -26.1645, -7.9561.



This preview shows how white text looks on a background with the YUV color 113.0720, -26.1645, -7.9561.

-7.9561.

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

113.0720, -26.1645, -7.9561

Protanopia

116.4060, -29.2872, 13.6759

Deuteranopia

117.8680, -26.5569, 24.6718



Tritanopia

119.0470, 5.3998, -5.3032

Trichromacy



Original Color

113.0720, -26.1645, -7.9561

Protanomaly

115.2910, -28.2445, 5.8838

Deuteranomaly

116.2040, -26.2296, 12.9761

Tritanomaly

117.0610, -5.9461, -6.1925

Monochromacy



Original Color

113.0720, -26.1645, -7.9561

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8720, -9.3039, -2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0720, -26.1645, -7.9561 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(104, 128, 60)` looks like.

```
.text, #text, p{  
    color:rgb(104, 128, 60)  
}
```

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(104, 128, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 128, 60) }
```

Border

The CSS property to change the border of an element to YUV 113.0720, -26.1645, -7.9561 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(104, 128, 60) }
```


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

```
.border{ border-color:rgb(104, 128, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 128, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 128, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 128, 60);  
box-shadow:4px 4px 4px 4px rgb(104, 128,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 113.0720, -26.1645, -7.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 128, 60) }
```

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

```
.background{ background-color: rgb(104,  
128, 60) }
```

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