

Converting Colors

YUV(64.8960, -5.8647, -32.3578)

Have a look what the booklet for
YUV(64.8960, -5.8647, -32.3578)
contains.

YUV(64.8960, -5.8647, -32.3578)	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(64.8960, -5.8647,
-32.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5635
RGB	28, 86, 53
RGB Percent	11%, 34%, 21%
CMY	0.8902, 0.6627, 0.7922
CMYK	0.67, 0.00, 0.38, 0.66
HSL	146°, 51%, 22%
HSV	146°, 67%, 34%
XYZ	4.4493, 7.1595, 4.5156
YIQ	64.8960, -23.9750, -22.5590

Conversions

Conversions Part 2

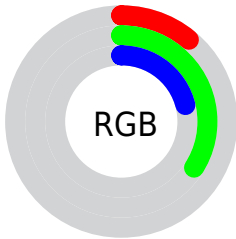
Format	Color
R_{YB}	28, 69, 86
Decimal	1857077
CIE _{Lab}	32.17, -27.42, 13.82
CIE _{LCh}	32, 30.704, 153.251
Yxy	7.1595, 0.2759, 0.4440
Android (android.graphics.Color)	4280047157 (0xFF1C5635)
YUV	64.8960, -5.8647, -32.3578
Hunter-Lab	26.7572, -17.1436, 8.7242

Details

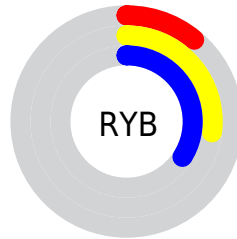
The YUV color **64.8960, -5.8647, -32.3578** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.1040, 5.8647, 32.3578**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8530, -7.3225, -31.4431**, and **24.5060, -7.6445, -21.4918** is the 20% darker color. If you saturate the color by 10%, you get **61.6350, -6.7221, -37.3909**, and if you desaturate by 10%, it is **68.1570, -5.0074, -27.3247**.

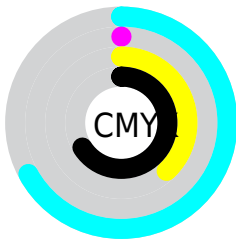
Distribution



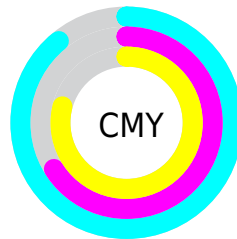
- Red (11%)
- Green (34%)
- Blue (21%)



- Red (11%)
- Yellow (27%)
- Blue (34%)



- Cyan (67%)
- Magenta (0%)
- Yellow (38%)
- Black (66%)



- Cyan (89%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8960, -5.8647, -32.3578 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 64.8960, -5.8647, -32.3578 by changing the saturation by 10% instead.

■ 64.8960, -5.8647,
-32.3578

■ 64.8960, -5.8647,
-32.3578

255.0000, 0.0000,
0.0000

■ 39.9280, -4.4015,
-35.0169

■ 114.8530, -7.3225,
-31.4431

■ 24.5060, -7.6445,
-21.4918

■ 141.3260, -8.0487,
-31.8579

■ 8.2180, -4.0515,
-7.2072

■ 167.9130, -8.3381,
-32.3727

■ 0.0000, 0.0000,
0.0000

■ 195.5000, -8.6275,
-32.8875

■ 223.6740, -9.2063,
-33.9171

■ 239.9340, -3.4185,

-23.6211

251.1130, 1.9163,
-7.9921

64.8960, -5.8647,
-32.3578

64.8960, -5.8647,
-32.3578

61.6350, -6.7221,
-37.3909

68.1570, -5.0074,
-27.3247

58.6730, -7.7268,
-41.8092

71.1190, -4.0027,
-22.9064

55.4120, -8.5841,
-46.8423

74.3800, -3.1453,
-17.8733

54.7000, -8.7261,
-47.9719

77.3420, -2.1406,
-13.4549

80.4890, -1.7201,
-8.3219

■ 83.7500, -0.8628,
-3.2887

■ 86.7120, 0.1420,
1.1296

■ 89.9730, 0.9993,
6.1627

■ 92.9350, 2.0040,
10.5810

Harmonies

Analogous

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



70.4340, -18.4550, -7.3966



64.8960, -5.8647, -32.3578



60.5480, 8.6038, -53.1006

Triad

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



64.8960, -5.8647, -32.3578



69.5010, 26.8680, -31.1344



75.4410, -12.0494, 38.2012

Complementary

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



64.8960, -5.8647, -32.3578



49.1040, 5.8647, 32.3578

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.



76.6010, -1.2823, 38.0609



64.8960, -5.8647, -32.3578



77.3590, 19.0500, 3.1932

Square

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



64.8960, -5.8647, -32.3578



62.7600, 27.2333, -55.0405



77.7980, 9.9596, 25.6102



74.3830, -20.8948, 28.6051

Rectangle

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



64.8960, -5.8647, -32.3578



62.3720, 15.5926, -54.7002



77.7980, 9.9596, 25.6102



75.3640, -8.5605, 39.1458

Sweetspot

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



64.8960, -5.8647, -32.3578



103.9400, -2.4354, -12.2254



72.2120, -21.7965, -8.9559



51.2010, -1.5781, -7.1923



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



64.8960, -5.8647, -32.3578



78.8630, -9.2995, -50.7459



68.0880, 6.3656, -35.1572



41.5760, -0.2840, -2.2592



68.0530, -10.8721, -59.6825



149.4590, -23.8903, -131.0755

Inverse Universe

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



49.1040, 5.8647, 32.3578



54.1370, 9.2995, 50.7459



45.9120, -6.3656, 35.1572



40.4240, 0.2840, 2.2592



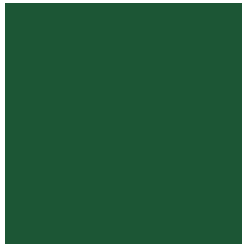
38.9470, 10.8721, 59.6825



85.4270, 23.4535, 131.1755

Previews

White Background



This preview shows how the YUV color 64.8960, -5.8647, -32.3578 looks on a white background.

Color Contrast Check

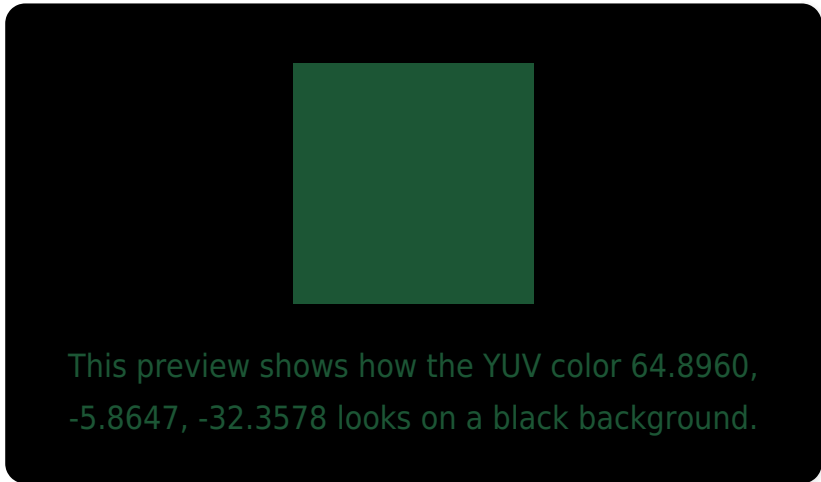
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

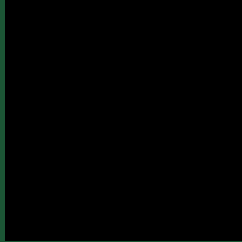
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.8960, -5.8647, -32.3578

Background



This preview shows how black text looks on a background with the YUV color 64.8960, -5.8647, -32.3578.



This preview shows how white text looks on a background with the YUV color 64.8960, -5.8647, -32.3578.

-32.3578.

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

64.8960, -5.8647, -32.3578

Protanopia

74.1290, -12.3886, 6.9029

Deuteranopia

75.2590, -9.4947, 12.0509



Tritanopia

70.1260, 8.8119, -26.4205

Trichromacy



Original Color

64.8960, -5.8647, -32.3578

Protanomaly

70.6110, -10.1612, -7.5518

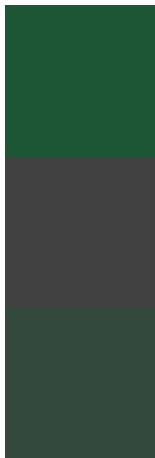
Deuteranomaly

71.5020, -8.1355, -3.9483

Tritanomaly

68.0350, 3.4337, -28.0947

Monochromacy



Original Color

64.8960, -5.8647, -32.3578

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3530, -2.1460, -11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8960, -5.8647, -32.3578 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(28, 86, 53)` looks like.

```
.text, #text, p{  
    color:rgb(28, 86, 53)  
}
```

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(28, 86, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 86, 53) }
```

Border

The CSS property to change the border of an element to YUV 64.8960, -5.8647, -32.3578 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(28, 86, 53) }
```


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

```
.border{ border-color:rgb(28, 86, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 86, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 86, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 86, 53);  
box-shadow:4px 4px 4px 4px rgb(28, 86, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.8960, -5.8647, -32.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 86, 53) }
```

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

```
.background{ background-color: rgb(28, 86,  
53) }
```

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