

Converting Colors

YUV(58.1100, -13.8582,
-35.1765)

Have a look what the booklet for
YUV(58.1100, -13.8582, -35.1765)
contains.

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Color

**YUV(58.1100, -13.8582,
-35.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	12541E
RGB	18, 84, 30
RGB Percent	7%, 33%, 12%
CMY	0.9294, 0.6706, 0.8824
CMYK	0.79, 0.00, 0.64, 0.67
HSL	131°, 65%, 20%
HSV	131°, 79%, 33%
XYZ	3.6541, 6.5630, 2.3025
YIQ	58.1100, -22.0020, -30.7860

Conversions

Conversions Part 2

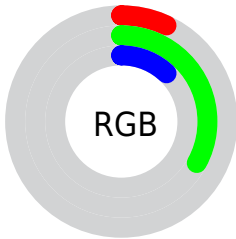
Format	Color
RYB	18, 74, 84
Decimal	1201182
CIELab	30.79, -32.93, 25.37
CIElCh	31, 41.568, 142.392
Yxy	6.5630, 0.2919, 0.5242
Android (android.graphics.Color)	4279391262 (0xFF12541E)
YUV	58.1100, -13.8582, -35.1765
Hunter-Lab	25.6183, -19.3713, 12.6040

Details

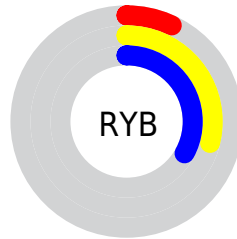
The YUV color **58.1100, -13.8582, -35.1765** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.8900, 13.8582, 35.1765**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1490, -16.3425, -31.7027**, and **22.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **54.9200, -15.7366, -39.3948**, and if you desaturate by 10%, it is **61.3000, -11.9799, -30.9581**.

Distribution



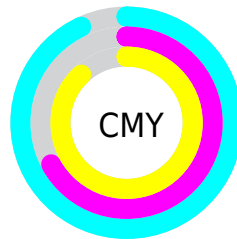
- Red (7%)
- Green (33%)
- Blue (12%)



- Red (7%)
- Yellow (29%)
- Blue (33%)



- Cyan (79%)
- Magenta (0%)
- Yellow (64%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1100, -13.8582, -35.1765 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 58.1100, -13.8582, -35.1765 by changing the saturation by 10% instead.

■ 58.1100, -13.8582,
-35.1765

■ 58.1100, -13.8582,
-35.1765

255.0000, 0.0000,
0.0000

■ 36.0180, -14.3059,
-31.5878

■ 109.1490,
-16.3425, -31.7027

■ 22.8930, -11.2862,
-20.0772

■ 135.2090,
-17.3580, -32.6323

■ 2.9350, -1.4470,
-2.5740

■ 162.0950,
-17.7948, -32.5323

■ 0.0000, 0.0000,
0.0000

■ 189.5680,
-18.5210, -32.9471

■ 217.7420,
-19.0998, -33.9767

■ 235.0620,

-14.3276, -24.6104

■ 247.0390, -5.9352,
-9.6812

■ 58.1100, -13.8582,
-35.1765

■ 58.1100, -13.8582,
-35.1765

■ 54.9200, -15.7366,
-39.3948

■ 61.3000, -11.9799,
-30.9581

■ 51.4310, -17.4675,
-44.2280

■ 64.7890, -10.2490,
-26.1250

■ 51.0180, -17.7569,
-44.7428

■ 67.9790, -8.3706,
-21.9066

■ 71.3540, -7.0765,
-16.9735

■ 74.5440, -5.1982,
-12.7551

■ 77.7340, -3.3199,
-8.5367

■ 81.2230, -1.5889,
-3.7036

■ 84.4130, 0.2894,
0.5148

■ 87.9020, 2.0203,
5.3479

Harmonies

Analogous

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



65.3350, -31.7172, -0.2938



58.1100, -13.8582, -35.1765



58.2510, 2.3413, -51.0861

Triad

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



58.1100, -13.8582, -35.1765



61.9910, 36.9794, -54.3661



68.6370, -9.1880, 53.8154

Complementary

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



58.1100, -13.8582, -35.1765



43.8900, 13.8582, 35.1765

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.



70.5020, 5.6685, 48.6717



58.1100, -13.8582, -35.1765



70.9360, 30.5976, -13.9759

Square

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



58.1100, -13.8582, -35.1765



64.0310, 29.5647, -56.1552



74.2030, 19.1269, 25.2550



69.2600, -24.2852, 42.7450

Rectangle

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



58.1100, -13.8582, -35.1765



60.7590, 11.9508, -53.2856



74.2030, 19.1269, 25.2550



68.6030, -4.2413, 53.8452

Sweetspot

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



58.1100, -13.8582, -35.1765



99.4190, -5.6296, -14.3995



73.1870, -27.2072, -0.1640



49.7340, -3.3199, -8.5367



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.



58.1100, -13.8582, -35.1765



69.5130, -21.9449, -54.8239



61.7580, 0.1193, -38.3758



39.3480, -1.1576, -2.0592



63.8010, -22.0869, -55.9535



140.9720, -48.7932, -123.6324

Inverse Universe

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



43.8900, 13.8582, 35.1765



47.3730, 21.5081, 54.9239



40.2420, -0.1193, 38.3758



38.5380, 0.7208, 2.1592



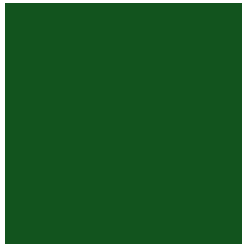
41.1990, 22.0869, 55.9535



91.0280, 48.7932, 123.6324

Previews

White Background



This preview shows how the YUV color 58.1100, -13.8582, -35.1765 looks on a white background.

Color Contrast Check

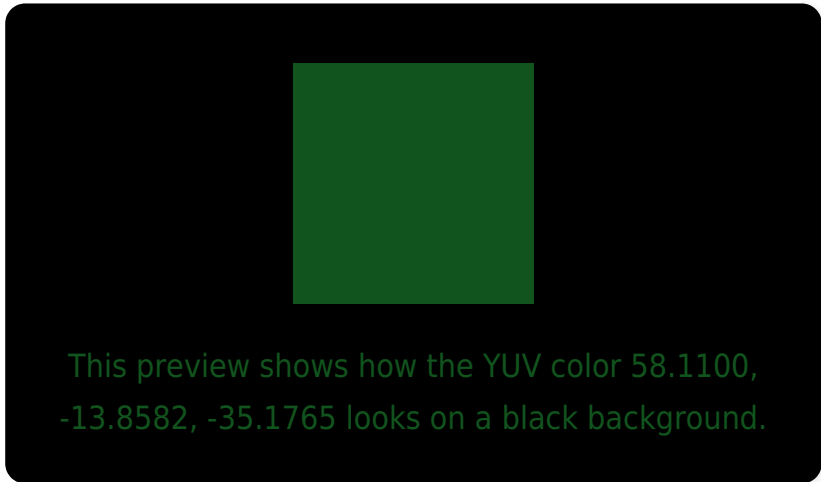
Large Text (above 18pt) WCAG AA ✓ Pass

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

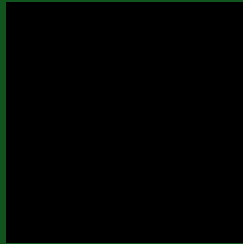
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1100, -13.8582, -35.1765

Background



This preview shows how black text looks on a background with the YUV color 58.1100, -13.8582, -35.1765.



This preview shows how white text looks on a background with the YUV color 58.1100, -13.8582,

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

58.1100, -13.8582, -35.1765

Protanopia

70.1480, -21.2720, 9.5172

Deuteranopia

71.1040, -17.7993, 15.6948



Tritanopia

67.1260, 8.8119, -26.4205

Trichromacy



Original Color

58.1100, -13.8582, -35.1765

Protanomaly

65.7330, -18.6024, -6.7818

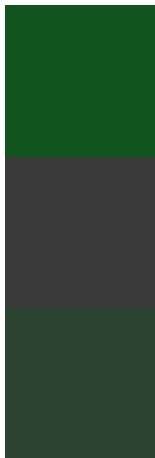
Deuteranomaly

66.0370, -16.2872, -2.6634

Tritanomaly

63.9270, 0.5290, -29.7540

Monochromacy



Original Color

58.1100, -13.8582, -35.1765

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6580, -4.7614, -12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1100, -13.8582, -35.1765 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(18, 84, 30)` looks like.

```
.text, #text, p{  
    color:rgb(18, 84, 30)  
}
```

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(18, 84, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 84, 30) }
```

Border

The CSS property to change the border of an element to YUV 58.1100, -13.8582, -35.1765 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(18, 84, 30) }
```


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

```
.border{ border-color:rgb(18, 84, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 84, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 84, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 84, 30);  
box-shadow:4px 4px 4px 4px rgb(18, 84, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.1100, -13.8582, -35.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 84, 30) }
```

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

```
.background{ background-color: rgb(18, 84,  
30) }
```

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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