

Converting Colors

YUV(58.0450, 4.9078, -34.2425)

Have a look what the booklet for
YUV(58.0450, 4.9078, -34.2425)
contains.

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Color

**YUV(58.0450, 4.9078,
-34.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	134C44
RGB	19, 76, 68
RGB Percent	7%, 30%, 27%
CMY	0.9255, 0.7020, 0.7333
CMYK	0.75, 0.00, 0.11, 0.70
HSL	172°, 60%, 19%
HSV	172°, 75%, 30%
XYZ	3.8964, 5.7247, 6.3685
YIQ	58.0450, -31.4040, -14.5720

Conversions

Conversions Part 2

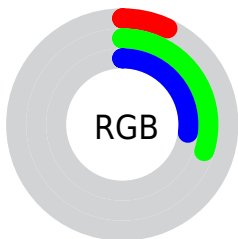
Format	Color
R_{YB}	19, 50, 76
Decimal	1264708
CIE Lab	28.71, -20.30, -0.55
CIE LCh	29, 20.307, 181.562
Yxy	5.7247, 0.2437, 0.3580
Android (android.graphics.Color)	4279454788 (0xFF134C44)
YUV	58.0450, 4.9078, -34.2425
Hunter-Lab	23.9263, -12.8024, 0.9672

Details

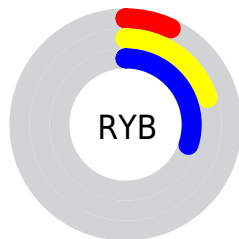
The YUV color **58.0450, 4.9078, -34.2425** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.9550, -4.9078, 34.2425**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8280, 4.0288, -32.2982**, and **21.6340, 1.6594, -18.9730** is the 20% darker color. If you saturate the color by 10%, you get **55.5390, 5.6503, -39.0607**, and if you desaturate by 10%, it is **60.5510, 4.1654, -29.4242**.

Distribution



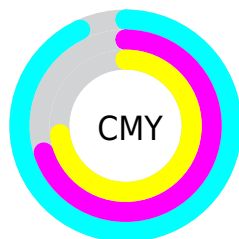
- Red (7%)
- Green (30%)
- Blue (27%)



- Red (7%)
- Yellow (20%)
- Blue (30%)



- Cyan (75%)
- Magenta (0%)
- Yellow (11%)
- Black (70%)



- Cyan (93%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0450, 4.9078, -34.2425 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 58.0450, 4.9078, -34.2425 by changing the saturation by 10% instead.

■ 58.0450, 4.9078,
-34.2425

■ 58.0450, 4.9078,
-34.2425

■ 255.0000, 0.0000,
0.0000

■ 36.3550, 4.7550,
-31.8833

■ 107.8280, 4.0288,
-32.2982

■ 21.6340, 1.6594,
-18.9730

■ 133.8280, 4.0288,
-32.2982

■ 0.0000, 0.0000,
0.0000

■ 160.4150, 3.7394,
-32.8130

■ 188.0020, 3.4500,
-33.3278

■ 215.7030, 3.5974,
-33.9425

■ 239.7080, 6.0600,

-30.4389

■ 248.7210, 3.0955,
-12.9103

■ 58.0450, 4.9078,
-34.2425

■ 58.0450, 4.9078,
-34.2425

■ 55.5390, 5.6503,
-39.0607

■ 60.5510, 4.1654,
-29.4242

■ 53.3320, 6.2453,
-43.2642

■ 62.7580, 3.5703,
-25.2208

■ 52.0220, 6.3982,
-45.6233

■ 65.2640, 2.8278,
-20.4025

■ 67.4710, 2.2328,
-16.1991

■ 69.9770, 1.4903,
-11.3808

■ 72.4830, 0.7479,
-6.5626

■ 74.6900, 0.1528,
-2.3591

■ 77.3100, -0.1528,
2.3591

■ 79.5170, -0.7479,
6.5626

Harmonies

Analogous

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



62.5110, -5.1819, -17.9881



58.0450, 4.9078, -34.2425



54.1880, 14.6973, -47.5229

Triad

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



58.0450, 4.9078, -34.2425



68.6270, 12.5089, 1.2041



67.9780, -13.3002, 19.3133

Complementary

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



58.0450, 4.9078, -34.2425



36.9550, -4.9078, 34.2425

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.



68.3900, -8.0803, 25.0910



58.0450, 4.9078, -34.2425



69.8200, 6.4977, 15.9439

Square

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



58.0450, 4.9078, -34.2425



65.5430, 16.4943, -17.1392



68.9260, -0.9495, 24.6209



66.4560, -15.0148, 9.2471

Rectangle

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



58.0450, 4.9078, -34.2425



55.1220, 18.1809, -44.8340



68.9260, -0.9495, 24.6209



68.0430, -11.8532, 21.8873

Sweetspot

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



58.0450, 4.9078, -34.2425



92.0800, 1.9326, -13.2252



55.1500, -17.8219, -23.8105



46.5860, 1.1901, -8.4069



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



58.0450, 4.9078, -34.2425



71.0210, 7.8776, -53.5154



47.2170, 14.1900, -24.7463



36.8040, 0.5896, -2.4591



69.9060, 8.9203, -61.3076



157.4680, 19.4893, -138.0994

Inverse Universe

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



36.9550, -4.9078, 34.2425



38.0930, -7.4408, 53.4154



47.7830, -14.1900, 24.7463



35.3100, -0.1528, 2.3591



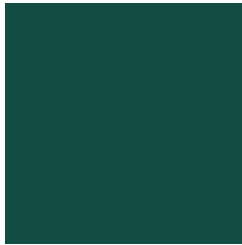
32.0940, -8.9203, 61.3076



72.4180, -19.9261, 138.1994

Previews

White Background



This preview shows how the YUV color 58.0450, 4.9078, -34.2425 looks on a white background.

Color Contrast Check

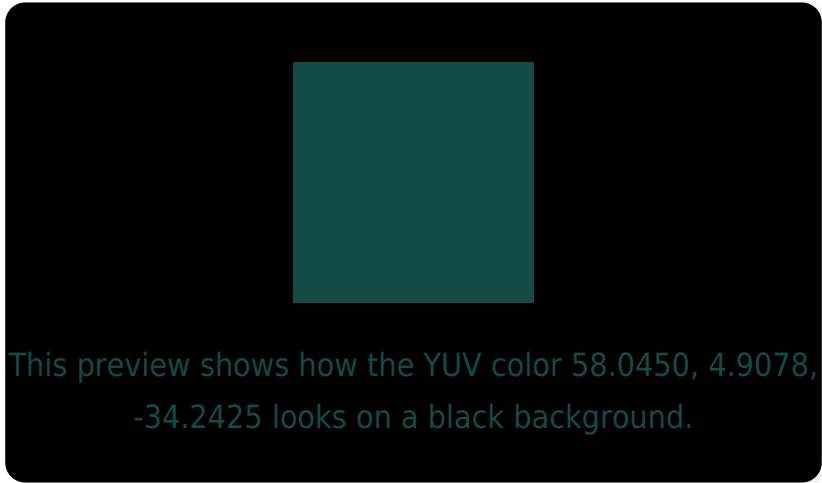
Large Text (above 18pt) WCAG AA ✓ Pass

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

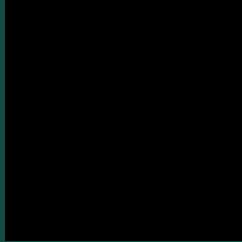
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0450, 4.9078, -34.2425

Background



This preview shows how black text looks on a background with the YUV color 58.0450, 4.9078, -34.2425.



This preview shows how white text looks on a background with the YUV color 58.0450, 4.9078, -34.2425.

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

58.0450, 4.9078, -34.2425

Protanopia

67.4410, -2.1894, 2.2442

Deuteranopia

68.5490, 0.7153, 3.9035



Tritanopia

60.3320, 9.6963, -30.1092

Trichromacy



Original Color

58.0450, 4.9078, -34.2425

Protanomaly

63.7490, 0.6167, -11.1809

Deuteranomaly

64.8030, 2.0691, -10.3512

Tritanomaly

59.5660, 8.1020, -32.0684

Monochromacy



Original Color

58.0450, 4.9078, -34.2425

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3790, 1.7852, -12.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0450, 4.9078, -34.2425 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(19, 76, 68)` looks like.

```
.text, #text, p{  
    color:rgb(19, 76, 68)  
}
```

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(19, 76, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 76, 68) }
```

Border

The CSS property to change the border of an element to YUV 58.0450, 4.9078, -34.2425 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(19, 76, 68) }
```


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

```
.border{ border-color:rgb(19, 76, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 76, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 76, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 76, 68);  
box-shadow:4px 4px 4px 4px rgb(19, 76, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.0450, 4.9078, -34.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 76, 68) }
```

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

```
.background{ background-color: rgb(19, 76,  
68) }
```

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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