

# Converting Colors

YUV(56.4190, -5.6296, -14.3995)

Have a look what the booklet for  
YUV(56.4190, -5.6296, -14.3995)  
contains.

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# Color

**YUV(56.4190, -5.6296,  
-14.3995)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 28432D                     |
| RGB         | 40, 67, 45                 |
| RGB Percent | 16%, 26%, 18%              |
| CMY         | 0.8431, 0.7373, 0.8235     |
| CMYK        | 0.40, 0.00, 0.33, 0.74     |
| HSL         | 131°, 25%, 21%             |
| HSV         | 131°, 40%, 26%             |
| XYZ         | 3.3559, 4.6549, 3.2042     |
| YIQ         | 56.4190, -9.0300, -12.5660 |

# Conversions

## Conversions Part 2

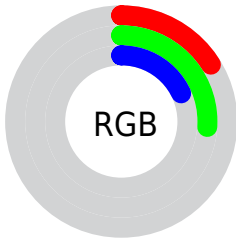
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">40, 63, 67</a>                                   |
| Decimal                             | <a href="#">2638637</a>                                      |
| CIELab                              | <a href="#">25.73, -15.83, 10.20</a>                         |
| CIELCh                              | <a href="#">26, 18.831, 147.213</a>                          |
| Yxy                                 | <a href="#">4.6549, 0.2992, 0.4151</a>                       |
| Android<br>(android.graphics.Color) | <a href="#">4280828717</a><br>( <a href="#">0xFF28432D</a> ) |
| YUV                                 | <a href="#">56.4190, -5.6296, -14.3995</a>                   |
| Hunter-Lab                          | <a href="#">21.5752, -9.9921, 6.2972</a>                     |

# Details

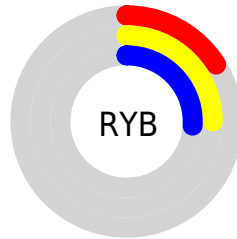
The YUV color **56.4190, -5.6296, -14.3995** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **50.5810, 5.6296, 14.3995**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.5930, -6.2083, -15.4291**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **53.7560, -6.7817, -18.2030**, and if you desaturate by 10%, it is **59.0820, -4.4774, -10.5959**.

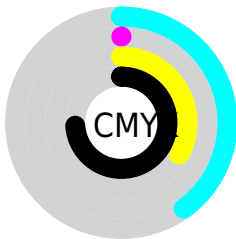
# Distribution



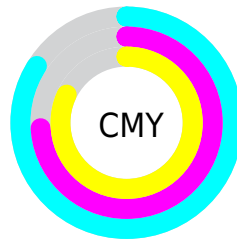
- Red (16%)
- Green (26%)
- Blue (18%)



- Red (16%)
- Yellow (25%)
- Blue (26%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (74%)



- Cyan (84%)
- Magenta (74%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.4190, -5.6296, -14.3995 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 56.4190, -5.6296, -14.3995 by changing the saturation by 10% instead.



■ 56.4190, -5.6296,  
-14.3995

■ 56.4190, -5.6296,  
-14.3995

255.0000, 0.0000,  
0.0000

■ 34.5330, -5.1928,  
-14.4994

■ 103.5930, -6.2083,  
-15.4291

■ 14.6750, -7.2348,  
-12.8700

■ 129.0660, -6.9345,  
-15.8439

■ 0.0000, 0.0000,  
0.0000

■ 155.0660, -6.9345,  
-15.8439

■ 182.2400, -7.5133,  
-16.8735

■ 209.9410, -7.3659,  
-17.4883

■ 237.8270, -7.8027,

-17.3883

252.1520, -0.5679,  
-4.5183

56.4190, -5.6296,  
-14.3995

56.4190, -5.6296,  
-14.3995

53.7560, -6.7817,  
-18.2030

59.0820, -4.4774,  
-10.5959

51.2780, -8.5181,  
-21.2918

61.5600, -2.7411,  
-7.5071

48.6150, -9.6702,  
-25.0954

64.2230, -1.5889,  
-3.7036

45.8380, -11.2591,  
-28.7989

67.0000, 0.0000,  
0.0000

43.1750, -12.4113,  
-32.6025

69.6630, 1.1521,  
3.8035

■ 40.6970, -14.1476,  
-35.6913

■ 72.1410, 2.8885,  
6.8923

■ 74.8040, 4.0406,  
10.6959

■ 77.5810, 5.6296,  
14.3995

■ 79.9450, 6.9291,  
17.5882

# Harmonies

## Analogous

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



58.6010, -11.6353, -1.4041



56.4190, -5.6296, -14.3995



52.6220, 3.1444, -28.6095

# Triad

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



56.4190, -5.6296, -14.3995



58.1900, 15.1893, -18.5836



61.8350, -6.3277, 22.9467

# Complementary

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



56.4190, -5.6296, -14.3995



50.5810, 5.6296, 14.3995

# 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.



62.5450, 0.2243, 21.4470



56.4190, -5.6296, -14.3995



62.0890, 11.7881, -0.9551

# Square

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



56.4190, -5.6296, -14.3995



51.4220, 16.5540, -36.3271



63.2110, 6.7980, 12.9700



61.3200, -11.9898, 19.0134



# Rectangle

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



56.4190, -5.6296, -14.3995



49.5650, 9.5815, -39.9605



63.2110, 6.7980, 12.9700



62.0030, -4.4385, 23.6764

# Sweetspot

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



56.4190, -5.6296, -14.3995



82.6850, -2.3097, -5.8627



62.4270, -11.0565, -0.3745



40.6360, -1.2995, -3.1888



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



56.4190, -5.6296, -14.3995



70.5660, -8.6600, -22.4214



57.9010, 0.0488, -15.6992



31.7610, -0.8682, -1.5444



58.9910, -20.2086, -51.7351



136.2760, -46.4781, -119.5141



# Inverse Universe

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



50.5810, 5.6296, 14.3995



61.4340, 8.6600, 22.4214



49.0990, -0.0488, 15.6992



31.2390, 0.8682, 1.5444



38.0090, 20.2086, 51.7351

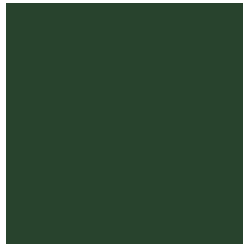


87.8380, 46.9149, 119.4141



# Previews

## White Background



This preview shows how the YUV color 56.4190, -5.6296, -14.3995 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

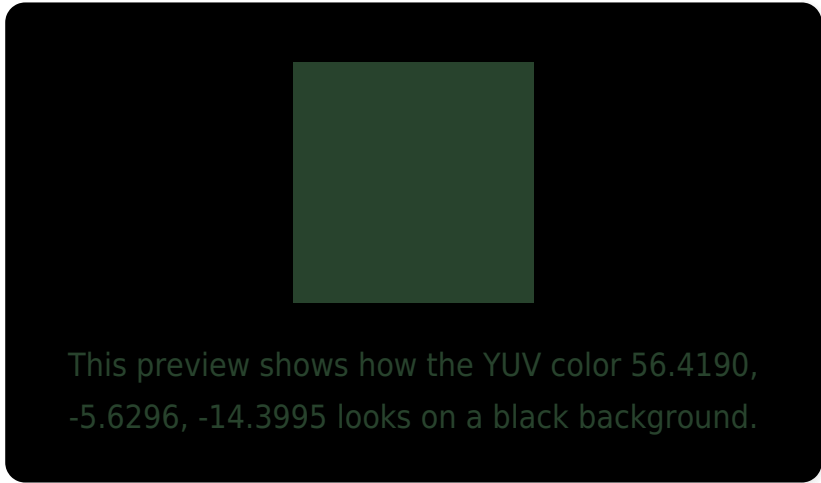
Any Text WCAG AA ✓ Pass

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 56.4190, -5.6296, -14.3995

## Background



This preview shows how black text looks on a background with the YUV color 56.4190, -5.6296, -14.3995.



This preview shows how white text looks on a background with the YUV color 56.4190, -5.6296, -14.3995.

-14.3995.

# 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

56.4190, -5.6296, -14.3995

### Protanopia

60.3290, -9.0362, 4.9735

### Deuteranopia

60.6330, -6.7211, 9.0919



**Tritanopia**

58.8890, 4.9847, -12.1807

# Trichromacy



## Original Color

56.4190, -5.6296, -14.3995

## Protanomaly

58.9260, -7.8515, -1.6891

## Deuteranomaly

58.9910, -6.4046, 0.8849

## Tritanomaly

57.8520, 1.0590, -13.0252

# Monochromacy



## Original Color

56.4190, -5.6296, -14.3995

## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

56.0980, -2.0203, -5.3479

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.4190, -5.6296, -14.3995 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(40, 67, 45)` looks like.

```
.text, #text, p{  
    color:rgb(40, 67, 45)  
}
```

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(40, 67, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 67, 45) }
```

## Border

The CSS property to change the border of an element to YUV 56.4190, -5.6296, -14.3995 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(40, 67, 45) }
```



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

```
.border{ border-color:rgb(40, 67, 45) }
```

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

Here you see how a box with a 4 pixel rgb(40, 67, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 67, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 67, 45);  
box-shadow:4px 4px 4px 4px rgb(40, 67, 45)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.4190, -5.6296, -14.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 67, 45) }
```

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

```
.background{ background-color: rgb(40, 67,  
45) }
```

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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