

Converting Colors

YUV(56.1800, -3.0467, -2.7889)

Have a look what the booklet for
YUV(56.1800, -3.0467, -2.7889)
contains.

YUV(56.1800, -3.0467, -2.7889)	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(56.1800, -3.0467,
-2.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	353B32
RGB	53, 59, 50
RGB Percent	21%, 23%, 20%
CMY	0.7922, 0.7686, 0.8039
CMYK	0.10, 0.00, 0.15, 0.77
HSL	100°, 8%, 21%
HSV	100°, 15%, 23%
XYZ	3.6079, 4.1151, 3.6218
YIQ	56.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

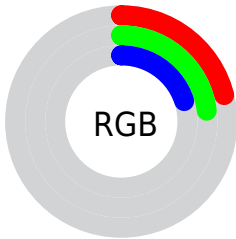
Format	Color
R_{YB}	50, 59, 56
Decimal	3488562
CIE Lab	24.05, -4.58, 4.73
CIE LCh	24, 6.586, 134.112
Yxy	4.1151, 0.3180, 0.3627
Android (android.graphics.Color)	4281678642 (0xFF353B32)
YUV	56.1800, -3.0467, -2.7889
Hunter-Lab	20.2857, -3.7531, 3.6145

Details

The YUV color **56.1800, -3.0467, -2.7889** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.8200, 3.0467, 2.7889**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0660, -3.4835, -2.6889**, and **12.7130, -4.7885, -4.1333** is the 20% darker color. If you saturate the color by 10%, you get **54.3000, -5.0779, -4.6481**, and if you desaturate by 10%, it is **58.0600, -1.0156, -0.9296**.

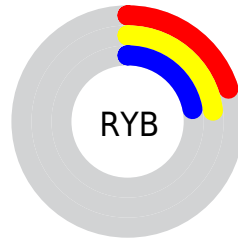
Distribution



Red (21%)

Green (23%)

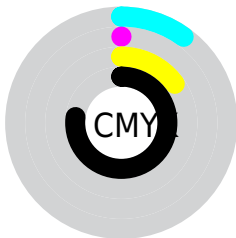
Blue (20%)



Red (20%)

Yellow (23%)

Blue (22%)

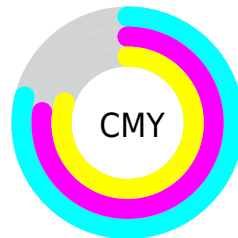


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.1800, -3.0467, -2.7889 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 56.1800, -3.0467, -2.7889 by changing the saturation by 10% instead.

■ 56.1800, -3.0467,
-2.7889

■ 56.1800, -3.0467,
-2.7889

■ 255.0000, 0.0000,
0.0000

■ 34.5930, -2.7573,
-2.2741

■ 103.0660, -3.4835,
-2.6889

■ 12.7130, -4.7885,
-4.1333

■ 127.7670, -3.3361,
-3.3037

■ 0.0000, 0.0000,
0.0000

■ 153.7670, -3.3361,
-3.3037

■ 180.6530, -3.7729,
-3.2037

■ 208.3540, -3.6255,
-3.8185

■ 236.6530, -3.7729,

-3.2037

■ 56.1800, -3.0467,
-2.7889

■ 56.1800, -3.0467,
-2.7889

■ 54.3000, -5.0779,
-4.6481

■ 58.0600, -1.0156,
-0.9296

■ 52.4200, -7.1091,
-6.5073

■ 59.9400, 1.0156,
0.9296

■ 50.5400, -9.1402,
-8.3666

■ 61.8200, 3.0467,
2.7889

■ 48.6600, -11.1714,
-10.2258

■ 63.7000, 5.0779,
4.6481

■ 46.7800, -13.2025,
-12.0851

■ 65.4660, 6.6723,
6.6073

■ 45.0140, -14.7969,
-14.0443

■ 67.3460, 8.7034,
8.4666

■ 43.1340, -16.8281,
-15.9035

■ 69.2260, 10.7346,
10.3258

■ 41.5530, -19.0066,
-17.1480

■ 70.8070, 12.9131,
11.5703

■ 40.6130, -20.0222,
-18.0776

■ 72.6870, 14.9443,
13.4295

Harmonies

Analogous

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



57.1590, -4.5154, 1.6146



56.1800, -3.0467, -2.7889



55.7280, -0.8519, -6.7775

Triad

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



56.1800, -3.0467, -2.7889



56.3350, 5.2578, -6.4328



58.3000, -1.6269, 8.5069

Complementary

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



56.1800, -3.0467, -2.7889



52.8200, 3.0467, 2.7889

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.



58.2720, 0.8519, 6.7775



56.1800, -3.0467, -2.7889



57.5420, 4.6628, -2.2293

Square

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



56.1800, -3.0467, -2.7889



55.9710, 3.9583, -9.6216



57.8200, 3.0467, 2.7889



58.1320, -3.5161, 7.7772

Rectangle

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



56.1800, -3.0467, -2.7889



55.2870, 1.3375, -9.0217



57.8200, 3.0467, 2.7889



58.2290, -0.6059, 7.6922

Sweetspot

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



56.1800, -3.0467, -2.7889



75.6470, -1.3050, -1.4444



56.2130, -3.0630, 2.4442



37.4730, -0.7262, -0.4148



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



56.1800, -3.0467, -2.7889



72.4140, -4.6411, -4.7481



55.3970, -2.1677, -4.7332



30.0600, -1.0156, -0.9296



64.4470, -31.7724, -29.3330



152.4400, -75.1529, -68.7919

Inverse Universe

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



52.8200, 3.0467, 2.7889



67.2870, 4.7885, 4.1333



53.4890, 1.7309, 4.8331



28.9400, 1.0156, 0.9296



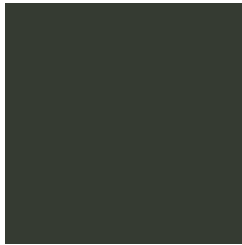
29.5530, 31.7724, 29.3330



69.5600, 75.1529, 68.7919

Previews

White Background



This preview shows how the YUV color 56.1800, -3.0467, -2.7889 looks on a white background.

Color Contrast Check

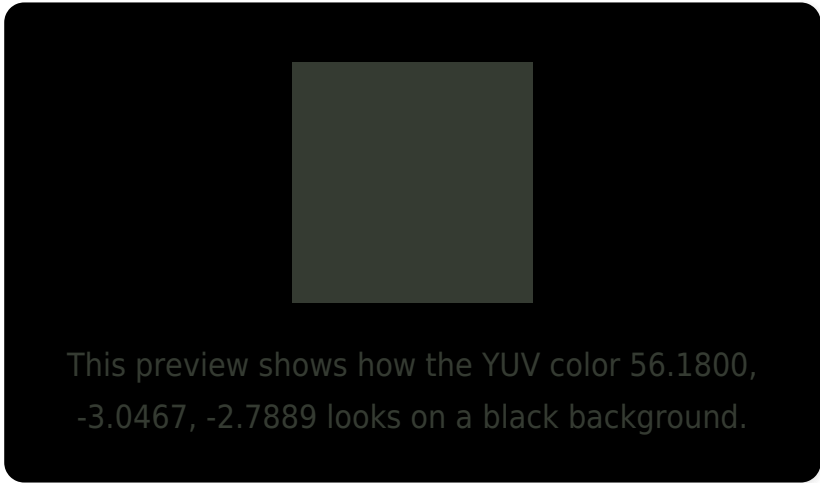
Large Text (above 18pt) WCAG AA ✓ Pass

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

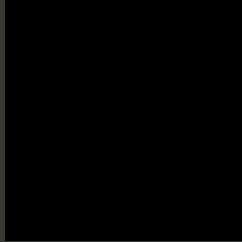
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.1800, -3.0467, -2.7889

Background



This preview shows how black text looks on a background with the YUV color 56.1800, -3.0467, -2.7889.



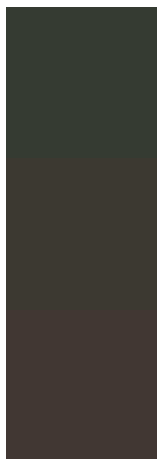
This preview shows how white text looks on a background with the YUV color 56.1800, -3.0467, -2.7889.

-2.7889.

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

56.1800, -3.0467, -2.7889

Protanopia

56.9850, -3.9366, 2.6442

Deuteranopia

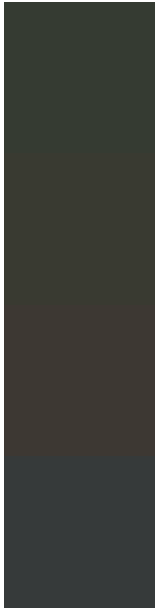
57.5340, -3.2213, 6.5477



Tritanopia

56.9720, 2.4788, -1.7294

Trichromacy



Original Color

56.1800, -3.0467, -2.7889

Protanomaly

56.6750, -3.7838, 0.2850

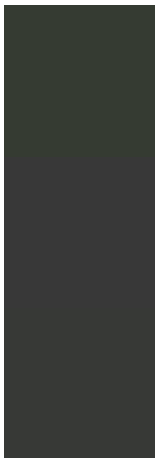
Deuteranomaly

56.9250, -2.9210, 3.5738

Tritanomaly

56.8040, 0.5896, -2.4591

Monochromacy



Original Color

56.1800, -3.0467, -2.7889

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.1800, -3.0467, -2.7889 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(53, 59, 50)` looks like.

```
.text, #text, p{  
    color:rgb(53, 59, 50)  
}
```

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(53, 59, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 59, 50) }
```

Border

The CSS property to change the border of an element to YUV 56.1800, -3.0467, -2.7889 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(53, 59, 50) }
```


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

```
.border{ border-color:rgb(53, 59, 50) }
```

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

Here you see how a box with a 4 pixel rgb(53, 59, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 59, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 59, 50);  
box-shadow:4px 4px 4px 4px rgb(53, 59, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.1800, -3.0467, -2.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 59, 50) }
```

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

```
.background{ background-color: rgb(53, 59,  
50) }
```

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