

Converting Colors

YUV(56.5960, -17.5488,
-18.0627)

Have a look what the booklet for
YUV(56.5960, -17.5488, -18.0627)
contains.

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Color

**YUV(56.5960, -17.5488,
-18.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	244A15
RGB	36, 74, 21
RGB Percent	14%, 29%, 8%
CMY	0.8588, 0.7098, 0.9176
CMYK	0.51, 0.00, 0.72, 0.71
HSL	103°, 56%, 19%
HSV	103°, 72%, 29%
XYZ	3.3117, 5.3268, 1.5631
YIQ	56.5960, -5.6350, -24.5390

Conversions

Conversions Part 2

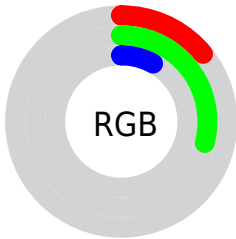
Format	Color
R_YB	21, 74, 59
Decimal	2378261
CIE Lab	27.65, -24.82, 26.64
CIE LCh	28, 36.415, 132.972
Yxy	5.3268, 0.3246, 0.5222
Android (android.graphics.Color)	4280568341 (0xFF244A15)
YUV	56.5960, -17.5488, -18.0627
Hunter-Lab	23.0798, -14.7769, 12.1404

Details

The YUV color **56.5960, -17.5488, -18.0627** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **38.4040, 17.5488, 18.0627**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2540, -18.8592, -17.7628**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **54.3030, -19.8694, -20.4367**, and if you desaturate by 10%, it is **58.8890, -15.2283, -15.6887**.

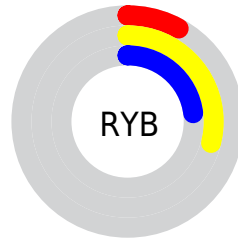
Distribution



Red (14%)

Green (29%)

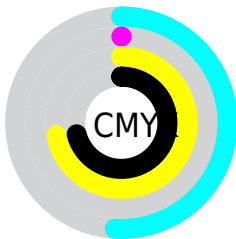
Blue (8%)



Red (8%)

Yellow (29%)

Blue (23%)

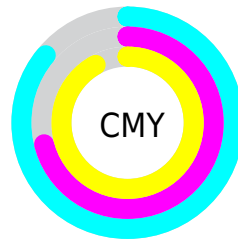


Cyan (51%)

Magenta (0%)

Yellow (72%)

Black (71%)



Cyan (86%)

Magenta (71%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5960, -17.5488, -18.0627 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 56.5960, -17.5488, -18.0627 by changing the saturation by 10% instead.

■ 56.5960, -17.5488,
-18.0627

■ 56.5960, -17.5488,
-18.0627

■ 254.6580, -1.3104,
0.2999

■ 33.8240, -16.6752,
-18.2626

■ 105.2540,
-18.8592, -17.7628

■ 18.1970, -8.9711,
-15.9588

■ 130.7270,
-19.5854, -18.1776

■ 0.0000, 0.0000,
0.0000

■ 157.2000,
-20.3116, -18.5924


■ 183.9720,
-21.1852, -18.3924


■ 212.1460,
-21.7640, -19.4220


■ 237.0970,


-20.7538, -16.7481


 249.0740,
-12.3615, -1.8189


 56.5960, -17.5488,
-18.0627


 56.5960, -17.5488,
-18.0627


 54.3030, -19.8694,
-20.4367


 58.8890, -15.2283,
-15.6887


 51.5970, -22.4793,
-23.3256

 61.5950, -12.6183,
-12.7998

 49.7170, -24.5105,
-25.1848

 63.8880, -10.2978,
-10.4258

 66.2950, -7.5404,
-8.1517

 68.8870, -5.3673,
-5.1629

■ 71.1800, -3.0467,
-2.7889

■ 73.5870, -0.2894,
-0.5148

■ 75.8800, 2.0312,
1.8592

■ 78.5860, 4.6411,
4.7481

Harmonies

Analogous

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



60.4760, -28.8287, 6.5985



56.5960, -17.5488, -18.0627



50.6710, -1.3168, -44.4385

Triad

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



56.5960, -17.5488, -18.0627



56.4170, 30.8534, -49.4777



63.1460, -4.5090, 46.3530

Complementary

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



56.5960, -17.5488, -18.0627



38.4040, 17.5488, 18.0627

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.



65.4080, 8.1799, 36.4762



56.5960, -17.5488, -18.0627



59.9190, 29.6199, -27.1160

Square

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



56.5960, -17.5488, -18.0627



56.9410, 22.7071, -49.9373



67.1260, 19.1649, 13.0445



62.7850, -17.1490, 40.5306

Rectangle

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



56.5960, -17.5488, -18.0627



53.4240, 6.6930, -46.8528



67.1260, 19.1649, 13.0445



63.4000, 0.2958, 45.2532

Sweetspot

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



56.5960, -17.5488, -18.0627



90.2350, -6.5249, -7.2221



59.1530, -18.8094, 13.0208



44.2400, -4.0623, -3.7185



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



56.5960, -17.5488, -18.0627



69.5980, -27.4098, -28.5884



53.3650, -10.5329, -28.3841



36.9460, -1.4524, -0.8296



68.5450, -33.7927, -34.6810



154.4450, -76.1414, -78.4433

Inverse Universe

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



38.4040, 17.5488, 18.0627



41.1030, 27.5572, 27.9737



41.6350, 10.5329, 28.3841



35.3530, 1.3050, 1.4444



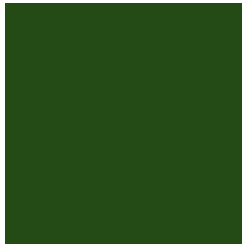
33.4550, 33.7927, 34.6810



75.5550, 76.1414, 78.4433

Previews

White Background



This preview shows how the YUV color 56.5960, -17.5488, -18.0627 looks on a white background.

Color Contrast Check

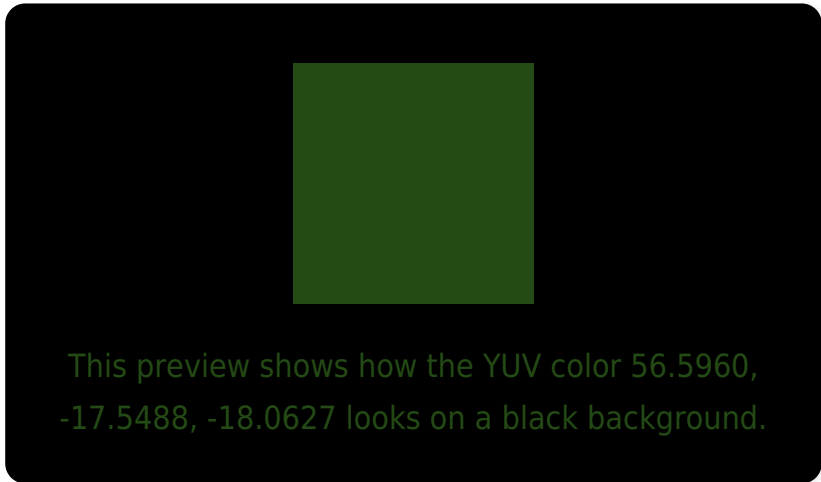
Large Text (above 18pt) WCAG AA ✓ Pass

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

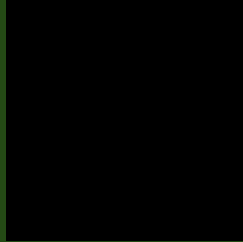
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5960, -17.5488, -18.0627

Background



This preview shows how black text looks on a background with the YUV color 56.5960, -17.5488, -18.0627.



This preview shows how white text looks on a background with the YUV color 56.5960, -17.5488, -18.0627.

-18.0627.

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

56.5960, -17.5488, -18.0627

Protanopia

62.1480, -21.2720, 9.5172

Deuteranopia

63.4630, -18.9623, 15.3799



Tritanopia

62.8070, 6.0111, -14.7397

Trichromacy



Original Color

56.5960, -17.5488, -18.0627

Protanomaly

60.1360, -19.7870, -0.1193

Deuteranomaly

60.9130, -18.1981, 3.5843

Tritanomaly

60.5050, -2.7140, -16.2289

Monochromacy



Original Color

56.5960, -17.5488, -18.0627

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6480, -6.2355, -6.7073

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5960, -17.5488, -18.0627 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(36, 74, 21)` looks like.

```
.text, #text, p{  
    color:rgb(36, 74, 21)  
}
```

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(36, 74, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 74, 21) }
```

Border

The CSS property to change the border of an element to YUV 56.5960, -17.5488, -18.0627 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(36, 74, 21) }
```


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

```
.border{ border-color:rgb(36, 74, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 74, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 74, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 74, 21);  
box-shadow:4px 4px 4px 4px rgb(36, 74, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5960, -17.5488, -18.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 74, 21) }
```

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

```
.background{ background-color: rgb(36, 74,  
21) }
```

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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