

Converting Colors

YUV(56.4420, -14.0219,
-29.3286)

Have a look what the booklet for
YUV(56.4420, -14.0219, -29.3286)
contains.

YUV(56.4420, -14.0219, -29.3286)	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(56.4420, -14.0219,
-29.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	174F1C
RGB	23, 79, 28
RGB Percent	9%, 31%, 11%
CMY	0.9098, 0.6902, 0.8902
CMYK	0.71, 0.00, 0.65, 0.69
HSL	125°, 55%, 20%
HSV	125°, 71%, 31%
XYZ	3.3589, 5.8580, 2.0523
YIQ	56.4420, -17.0050, -27.7330

Conversions

Conversions Part 2

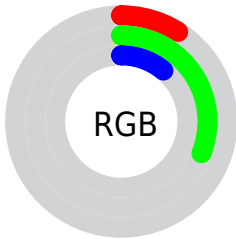
Format	Color
R_YB	23, 74, 79
Decimal	1527580
CIE Lab	29.05, -30.11, 24.45
CIE LCh	29, 38.783, 140.920
Yxy	5.8580, 0.2981, 0.5198
Android (android.graphics.Color)	4279717660 (0xFF174F1C)
YUV	56.4420, -14.0219, -29.3286
Hunter-Lab	24.2032, -17.5834, 11.9149

Details

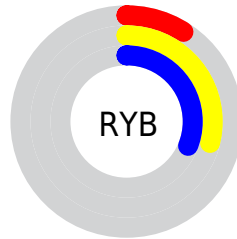
The YUV color **56.4420, -14.0219, -29.3286** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45.5580, 14.0219, 29.3286**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5840, -16.0639, -27.6992**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **53.2520, -15.9002, -33.5470**, and if you desaturate by 10%, it is **59.6320, -12.1436, -25.1103**.

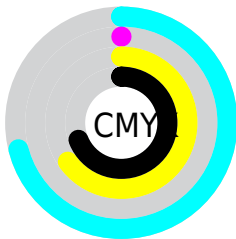
Distribution



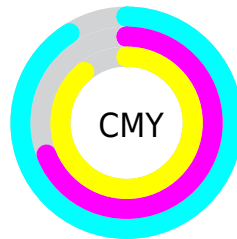
- Red (9%)
- Green (31%)
- Blue (11%)



- Red (9%)
- Yellow (29%)
- Blue (31%)



- Cyan (71%)
- Magenta (0%)
- Yellow (65%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4420, -14.0219, -29.3286 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 56.4420, -14.0219, -29.3286 by changing the saturation by 10% instead.

■ 56.4420, -14.0219,
-29.3286

■ 56.4420, -14.0219,
-29.3286

255.0000, 0.0000,
0.0000

■ 33.3280, -14.4587,
-29.2287

■ 106.5840,
-16.0639, -27.6992

■ 20.5450, -10.1287,
-18.0180

■ 132.0570,
-16.7901, -28.1140

■ 0.0000, 0.0000,
0.0000

■ 158.5300,
-17.5163, -28.5288

■ 186.0030,
-18.2425, -28.9436

■ 213.5900,
-18.5319, -29.4584

■ 235.1330,

-15.3486, -23.7956

■ 246.9960, -7.3930,
-8.7665

■ 56.4420, -14.0219,
-29.3286

■ 56.4420, -14.0219,
-29.3286

■ 53.2520, -15.9002,
-33.5470

■ 59.6320, -12.1436,
-25.1103

■ 50.0620, -17.7786,
-37.7654

■ 62.8220, -10.2652,
-20.8919

■ 47.1710, -19.8043,
-41.3690

■ 66.1260, -7.9501,
-16.7735

■ 69.3160, -6.0718,
-12.5551

■ 72.5060, -4.1935,
-8.3368

■ 75.3970, -2.1677,
-4.7332

■ 78.5870, -0.2894,
-0.5148

■ 81.8910, 2.0257,
3.6036

■ 85.0810, 3.9041,
7.8220

Harmonies

Analogous

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



62.0300, -29.1018, 0.8507



56.4420, -14.0219, -29.3286



54.7460, 1.6042, -48.0122

Triad

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



56.4420, -14.0219, -29.3286



58.6170, 34.2058, -51.4071



65.5440, -8.1562, 49.5119

Complementary

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



56.4420, -14.0219, -29.3286



45.5580, 14.0219, 29.3286

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.



67.1810, 5.8268, 44.5683



56.4420, -14.0219, -29.3286



66.7680, 28.7084, -14.7055

Square

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



56.4420, -14.0219, -29.3286



60.0700, 27.0805, -52.6814



70.8390, 17.8274, 22.0662



65.6340, -21.5116, 39.7860

Rectangle

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



56.4420, -14.0219, -29.3286



57.1400, 10.7770, -50.1118



70.8390, 17.8274, 22.0662



65.5100, -3.2094, 49.5417

Sweetspot

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



56.4420, -14.0219, -29.3286



93.4410, -5.6404, -10.9108



71.1210, -23.7237, 2.5249



45.7450, -3.3253, -6.7924



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.



56.4420, -14.0219, -29.3286



66.9810, -21.6826, -45.5873



59.6340, -1.7916, -32.1280



36.4620, -0.7208, -2.1592



60.9000, -25.5867, -53.4093



137.2900, -57.8240, -120.4033

Inverse Universe

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



45.5580, 14.0219, 29.3286



50.0190, 21.6826, 45.5873



42.3660, 1.7916, 32.1280



35.6520, 1.1576, 2.0592



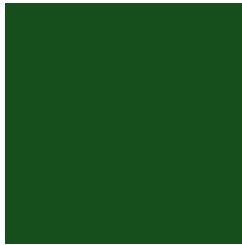
41.1000, 25.5867, 53.4093



92.5960, 57.3872, 120.5033

Previews

White Background



This preview shows how the YUV color 56.4420, -14.0219, -29.3286 looks on a white background.

Color Contrast Check

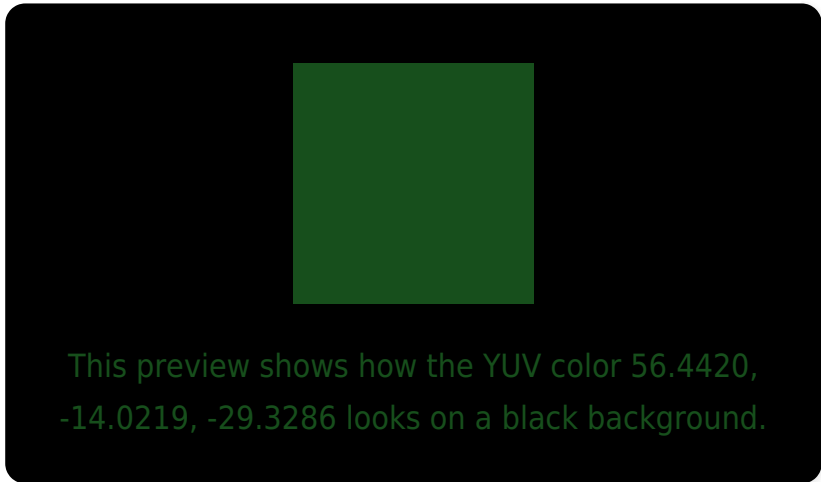
Large Text (above 18pt) WCAG AA ✓ Pass

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

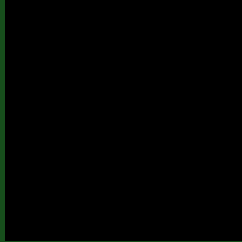
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.4420, -14.0219, -29.3286

Background



This preview shows how black text looks on a background with the YUV color 56.4420, -14.0219, -29.3286.



This preview shows how white text looks on a background with the YUV color 56.4420, -14.0219, -29.3286.

-29.3286.

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

56.4420, -14.0219, -29.3286

Protanopia

66.0770, -20.2510, 8.7025

Deuteranopia

66.9190, -17.2151, 14.9800



Tritanopia

63.9200, 7.9274, -22.7318

Trichromacy



Original Color

56.4420, -14.0219, -29.3286

Protanomaly

62.8580, -18.1710, -5.1375

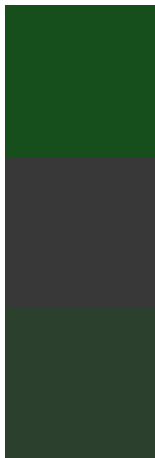
Deuteranomaly

63.1620, -15.8559, -1.0191

Tritanomaly

61.4330, -0.2135, -24.9357

Monochromacy



Original Color

56.4420, -14.0219, -29.3286

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9680, -4.9142, -10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4420, -14.0219, -29.3286 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(23, 79, 28)` looks like.

```
.text, #text, p{  
    color:rgb(23, 79, 28)  
}
```

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(23, 79, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 79, 28) }
```

Border

The CSS property to change the border of an element to YUV 56.4420, -14.0219, -29.3286 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(23, 79, 28) }
```


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

```
.border{ border-color:rgb(23, 79, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 79, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 79, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 79, 28);  
box-shadow:4px 4px 4px 4px rgb(23, 79, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.4420, -14.0219, -29.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 79, 28) }
```

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

```
.background{ background-color: rgb(23, 79,  
28) }
```

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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