

Converting Colors

YUV(116.8560, -29.0160,
-73.5417)

Have a look what the booklet for
YUV(116.8560, -29.0160, -73.5417)
contains.

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Color

**YUV(116.8560, -29.0160,
-73.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	21AB3A
RGB	33, 171, 58
RGB Percent	13%, 67%, 23%
CMY	0.8706, 0.3294, 0.7725
CMYK	0.81, 0.00, 0.66, 0.33
HSL	131°, 68%, 40%
HSV	131°, 81%, 67%
XYZ	15.9538, 29.7546, 8.9054
YIQ	116.8560, -45.9750, -64.3990

Conversions

Conversions Part 2

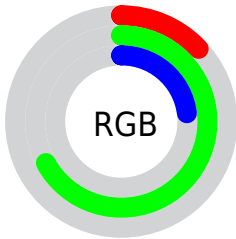
Format	Color
RYB	33, 150, 171
Decimal	2206522
CIELab	61.44, -57.99, 46.71
CIELCh	61, 74.460, 141.152
Yxy	29.7546, 0.2921, 0.5448
Android (android.graphics.Color)	4280396602 (0xFF21AB3A)
YUV	116.8560, -29.0160, -73.5417
Hunter-Lab	54.5478, -43.2520, 28.5039

Details

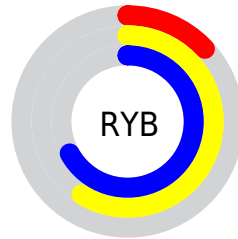
The YUV color **116.8560, -29.0160, -73.5417** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **87.1440, 29.0160, 73.5417**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1730, -33.1163, -65.0497**, and **68.6790, -33.8587, -60.2315** is the 20% darker color. If you saturate the color by 10%, you get **110.1770, -32.6253, -82.5932**, and if you desaturate by 10%, it is **123.5350, -25.4068, -64.4902**.

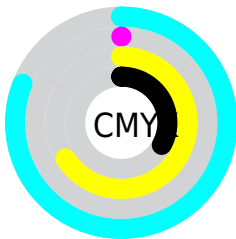
Distribution



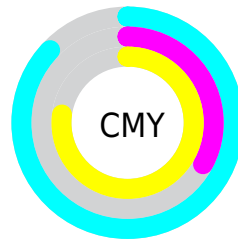
- Red (13%)
- Green (67%)
- Blue (23%)



- Red (13%)
- Yellow (59%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (66%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8560, -29.0160, -73.5417 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 116.8560, -29.0160, -73.5417 by changing the saturation by 10% instead.

■ 116.8560,
-29.0160, -73.5417

■ 116.8560,
-29.0160, -73.5417

■ 255.0000, 0.0000,
0.0000

■ 88.0620, -28.1316,
-77.2304

■ 177.1730,
-33.1163, -65.0497

■ 68.6790, -33.8587,
-60.2315

■ 205.0700,
-33.5585, -63.2054

■ 53.4170, -26.3346,
-46.8467

■ 217.1180,
-26.1872, -47.4615

■ 38.7420, -19.0998,
-33.9767

■ 229.2800,
-18.3790, -31.8176

■ 25.8280, -12.7332,
-22.6512

■ 241.4420,
-10.5709, -16.1736

■ 5.8700, -2.8939,
-5.1480

■ 253.7180, -2.3260,

■ 0.0000, 0.0000,

-0.6297

0.0000

■ 116.8560,
-29.0160, -73.5417

■ 116.8560,
-29.0160, -73.5417

■ 110.1770,
-32.6253, -82.5932

■ 123.5350,
-25.4068, -64.4902

■ 103.9110,
-35.9451, -91.1299

■ 130.2140,
-21.7975, -55.4387

■ 136.8930,
-18.1882, -46.3872

■ 143.5720,
-14.5790, -37.3356

■ 150.5500,
-11.1172, -27.6694

■ 157.2290, -7.5079,
-18.6178

■ 163.9080, -3.8986,
-9.5663

■ 170.5870, -0.2894,
-0.5148

■ 177.2660, 3.3199,
8.5367

Harmonies

Analogous

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



133.3990, -65.7657, 0.5271



116.8560, -29.0160, -73.5417



118.2630, 3.8143, -103.7167

Triad

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



116.8560, -29.0160, -73.5417



124.1640, 64.5021, -108.8918



135.7620, -15.1657, 104.5717

Complementary

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



116.8560, -29.0160, -73.5417



87.1440, 29.0160, 73.5417

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.



142.1120, 14.2418, 99.0028



116.8560, -29.0160, -73.5417



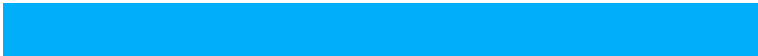
140.8620, 56.2700, -34.9590

Square

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



116.8560, -29.0160, -73.5417



130.6380, 58.8455, -114.5695



151.1500, 39.8590, 48.9804



141.2320, -48.4284, 86.6195

Rectangle

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



116.8560, -29.0160, -73.5417



124.0940, 23.6177, -108.8304



151.1500, 39.8590, 48.9804



135.3350, -4.1092, 104.9462

Sweetspot

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



116.8560, -29.0160, -73.5417



201.1370, -11.4065, -28.1841



148.3910, -56.8878, -0.3429



99.4680, -6.6397, -17.0734



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.8560, -29.0160, -73.5417



137.6510, -45.1839, -114.5809



124.4940, 0.2495, -80.2402



83.5110, -1.7309, -4.8331



91.1280, -31.6151, -79.9193



13.9570, -4.9088, -12.2403

Inverse Universe

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



87.1440, 29.0160, 73.5417



91.3490, 45.1839, 114.5809



79.5060, -0.2495, 80.2402



81.4890, 1.7309, 4.8331



58.8720, 31.6151, 79.9193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 116.8560, -29.0160, -73.5417 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.8560, -29.0160, -73.5417 looks on a black 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 × Fail

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

YUV 116.8560, -29.0160, -73.5417 Background



This preview shows how black text looks on a background with the YUV color 116.8560, -29.0160, -73.5417.



This preview shows how white text looks on a background with the YUV color 116.8560, -29.0160, -73.5417.

-73.5417.

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

116.8560, -29.0160, -73.5417

Protanopia

141.4380, -44.5859, 20.6639

Deuteranopia

144.3500, -37.6405, 33.0191



Tritanopia

136.0670, 18.2080, -53.5558

Trichromacy



Original Color

116.8560, -29.0160, -73.5417



Protanomaly

132.7110, -38.8045, -13.7785



Deuteranomaly

134.2050, -34.6111, -5.4418



Tritanomaly

129.1420, 0.9160, -60.6375

Monochromacy



Original Color

116.8560, -29.0160, -73.5417



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.0770, -10.3910, -27.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8560, -29.0160, -73.5417 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(33, 171, 58)` looks like.

```
.text, #text, p{  
    color:rgb(33, 171, 58)  
}
```

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(33, 171, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 171, 58) }
```

Border

The CSS property to change the border of an element to YUV 116.8560, -29.0160, -73.5417 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(33, 171, 58) }
```


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

```
.border{ border-color:rgb(33, 171, 58) }
```

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

Here you see how a box with a 4 pixel rgb(33, 171, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 171, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 171, 58);  
box-shadow:4px 4px 4px 4px rgb(33, 171,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 116.8560, -29.0160, -73.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 171, 58) }
```

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

```
.background{ background-color: rgb(33, 171,  
58) }
```

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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