

Converting Colors

YUV(112.7160, -29.9330,
-59.3869)

Have a look what the booklet for
YUV(112.7160, -29.9330, -59.3869)
contains.

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Color

**YUV(112.7160, -29.9330,
-59.3869)**

Conversions

Conversions Part 1

Format	Color
Hex	2D9F34
RGB	45, 159, 52
RGB Percent	18%, 62%, 20%
CMY	0.8235, 0.3765, 0.7961
CMYK	0.72, 0.00, 0.67, 0.38
HSL	124°, 56%, 40%
HSV	124°, 72%, 62%
XYZ	14.1002, 25.6021, 7.4474
YIQ	112.7160, -33.5970, -57.4450

Conversions

Conversions Part 2

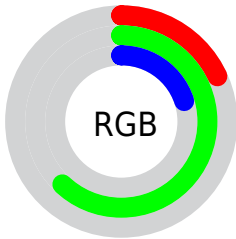
Format	Color
R_{YB}	45, 152, 159
Decimal	2989876
CIE _{Lab}	57.66, -52.80, 45.20
CIE _{LCh}	58, 69.509, 139.433
Yxy	25.6021, 0.2991, 0.5430
Android (android.graphics.Color)	4281179956 (0xFF2D9F34)
YUV	112.7160, -29.9330, -59.3869
Hunter-Lab	50.5985, -38.8053, 26.6923

Details

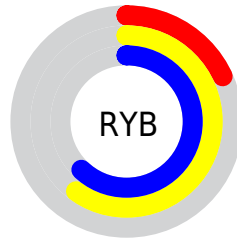
The YUV color **112.7160, -29.9330, -59.3869** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91.2840, 29.9330, 59.3869**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3530, -32.7120, -54.6836**, and **62.2220, -30.6754, -54.5687** is the 20% darker color. If you saturate the color by 10%, you get **106.2220, -34.1264, -67.7237**, and if you desaturate by 10%, it is **119.2100, -25.7395, -51.0502**.

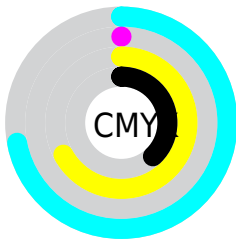
Distribution



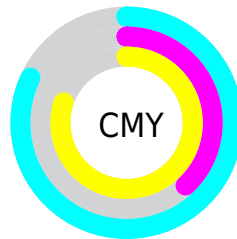
- Red (18%)
- Green (62%)
- Blue (20%)



- Red (18%)
- Yellow (60%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (67%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7160, -29.9330, -59.3869 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 112.7160, -29.9330, -59.3869 by changing the saturation by 10% instead.

■ 112.7160,
-29.9330, -59.3869

■ 112.7160,
-29.9330, -59.3869

■ 255.0000, 0.0000,
0.0000

■ 80.3340, -27.2797,
-70.4529

■ 170.3530,
-32.7120, -54.6836

■ 62.2220, -30.6754,
-54.5687

■ 199.0110,
-34.0224, -54.3836

■ 47.5470, -23.4407,
-41.6987

■ 217.2170,
-29.6870, -44.9173

■ 33.4590, -16.4953,
-29.3435

■ 228.9660,
-22.1682, -29.7882

■ 19.9580, -9.8393,
-17.5032

■ 240.9430,
-13.7759, -14.8590

■ 0.0000, 0.0000,
0.0000

■ 253.1050, -5.9678,

0.7849

■ 112.7160,
-29.9330, -59.3869

■ 112.7160,
-29.9330, -59.3869

■ 106.2220,
-34.1264, -67.7237

■ 119.2100,
-25.7395, -51.0502

■ 99.7280, -38.3199,
-76.0605

■ 125.7040,
-21.5461, -42.7134

■ 94.4730, -41.6452,
-82.8528

■ 132.1980,
-17.3526, -34.3766

■ 138.6920,
-13.1592, -26.0399

■ 145.1860, -8.9657,
-17.7031

■ 151.3810, -4.6248,
-9.9811

■ 157.7610, -0.8682,
-1.5444

■ 164.2550, 3.3253,
6.7924

■ 170.7490, 7.5187,
15.1291

Harmonies

Analogous

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



124.8600, -61.5560, 3.6308



112.7160, -29.9330, -59.3869



109.8510, 2.0455, -96.3393

Triad

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



112.7160, -29.9330, -59.3869



118.2940, 67.3961, -103.7438



129.4950, -13.5550, 101.2979

Complementary

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



112.7160, -29.9330, -59.3869



91.2840, 29.9330, 59.3869

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.



133.7580, 14.4163, 89.6662



112.7160, -29.9330, -59.3869



132.4530, 59.9227, -39.8623

Square

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



112.7160, -29.9330, -59.3869



121.9010, 53.2928, -106.9072



141.8240, 37.5548, 41.3734



131.6920, -42.7392, 81.8311

Rectangle

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



112.7160, -29.9330, -59.3869



115.3400, 20.5384, -101.1532



141.8240, 37.5548, 41.3734



129.7260, -3.8089, 101.9723

Sweetspot

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



112.7160, -29.9330, -59.3869



188.3440, -12.0016, -23.9807



144.2100, -48.9105, 7.7088



93.6640, -7.2294, -14.6143



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.7160, -29.9330, -59.3869



134.7400, -46.7068, -92.7340



119.1000, -5.4723, -64.9857



75.8100, -1.8783, -4.2184



84.9670, -37.4517, -74.5161



8.9190, -3.9041, -7.8220

Inverse Universe

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



91.2840, 29.9330, 59.3869



101.2600, 46.7068, 92.7340



84.9000, 5.4723, 64.9857



74.3040, 2.3151, 4.1184



58.0330, 37.4517, 74.5161



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 112.7160, -29.9330, -59.3869 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 112.7160, -29.9330, -59.3869 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 112.7160, -29.9330, -59.3869 Background



This preview shows how black text looks on a background with the YUV color 112.7160, -29.9330, -59.3869.



This preview shows how white text looks on a background with the YUV color 112.7160, -29.9330, -59.3869.

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

112.7160, -29.9330, -59.3869

Protanopia

132.2960, -42.5439, 19.0344

Deuteranopia

134.6810, -36.3247, 30.9748



Tritanopia

128.5410, 16.0023, -46.0785

Trichromacy



Original Color

112.7160, -29.9330, -59.3869

Protanomaly

125.2600, -38.0892, -9.8750

Deuteranomaly

126.7540, -33.8957, -1.5383

Tritanomaly

123.0400, -1.0057, -50.9011

Monochromacy



Original Color

112.7160, -29.9330, -59.3869

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9960, -10.8440, -21.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7160, -29.9330, -59.3869 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(45, 159, 52)` looks like.

```
.text, #text, p{  
    color:rgb(45, 159, 52)  
}
```

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(45, 159, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 159, 52) }
```

Border

The CSS property to change the border of an element to YUV 112.7160, -29.9330, -59.3869 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(45, 159, 52) }
```


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

```
.border{ border-color:rgb(45, 159, 52) }
```

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

Here you see how a box with a 4 pixel rgb(45, 159, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 159, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 159, 52);  
box-shadow:4px 4px 4px 4px rgb(45, 159,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 112.7160, -29.9330, -59.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 159, 52) }
```

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

```
.background{ background-color: rgb(45, 159,  
52) }
```

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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