

Converting Colors

YUV(120.2940, -36.6269,
-59.0168)

Have a look what the booklet for
YUV(120.2940, -36.6269, -59.0168)
contains.

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Color

**YUV(120.2940, -36.6269,
-59.0168)**

Conversions

Conversions Part 1

Format	Color
Hex	35A92E
RGB	53, 169, 46
RGB Percent	21%, 66%, 18%
CMY	0.7922, 0.3373, 0.8196
CMYK	0.69, 0.00, 0.73, 0.34
HSL	117°, 57%, 42%
HSV	117°, 73%, 66%
XYZ	16.1493, 29.3301, 7.3949
YIQ	120.2940, -29.6530, -62.8450

Conversions

Conversions Part 2

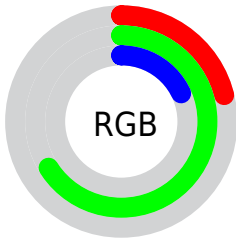
Format	Color
RYB	46, 169, 162
Decimal	3516718
CIELab	61.07, -55.27, 51.28
CIElCh	61, 75.399, 137.144
Yxy	29.3301, 0.3054, 0.5547
Android (android.graphics.Color)	4281706798 (0xFF35A92E)
YUV	120.2940, -36.6269, -59.0168
Hunter-Lab	54.1572, -41.5477, 29.8143

Details

The YUV color **120.2940, -36.6269, -59.0168** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **94.7060, 36.6269, 59.0168**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7460, -38.8218, -55.0282**, and **67.5050, -33.2800, -59.2019** is the 20% darker color. If you saturate the color by 10%, you get **113.5720, -41.6940, -67.1536**, and if you desaturate by 10%, it is **127.0160, -31.5599, -50.8800**.

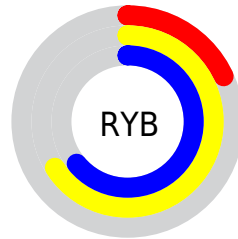
Distribution



Red (21%)

Green (66%)

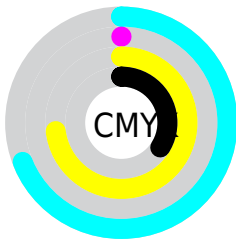
Blue (18%)



Red (18%)

Yellow (66%)

Blue (64%)

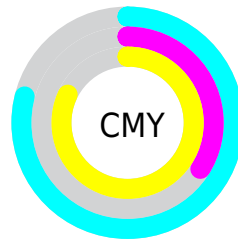


Cyan (69%)

Magenta (0%)

Yellow (73%)

Black (34%)



Cyan (79%)

Magenta (34%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2940, -36.6269, -59.0168 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 120.2940, -36.6269, -59.0168 by changing the saturation by 10% instead.

■ 120.2940,
-36.6269, -59.0168

■ 120.2940,
-36.6269, -59.0168

■ 255.0000, 0.0000,
0.0000

■ 84.9500, -34.9783,
-74.5011

■ 177.7460,
-38.8218, -55.0282

■ 67.5050, -33.2800,
-59.2019

■ 206.8170,
-39.8428, -54.2135

■ 52.8300, -26.0452,
-46.3319

■ 219.1530,
-32.6134, -39.5992

■ 38.1550, -18.8104,
-33.4619

■ 231.3150,
-24.8053, -23.9553

■ 25.2410, -12.4438,
-22.1364

■ 243.1780,
-16.8498, -8.9261

■ 4.1090, -2.0257,
-3.6036

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 120.2940,
-36.6269, -59.0168

■ 120.2940,
-36.6269, -59.0168

■ 113.5720,
-41.6940, -67.1536

■ 127.0160,
-31.5599, -50.8800

■ 106.8500,
-46.7610, -75.2904

■ 133.7380,
-26.4928, -42.7432

■ 102.1930,
-50.3811, -80.8533

■ 140.4600,
-21.4258, -34.6064

■ 147.1820,
-16.3587, -26.4696

■ 153.9040,
-11.2917, -18.3328

■ 160.5120, -6.6614,
-10.0960

■ 167.2340, -1.5944,
-1.9592

■ 173.9560, 3.4727,
6.1776

■ 180.3790, 8.6872,
13.6996

Harmonies

Analogous

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



133.7310, -65.9294, 6.3749



120.2940, -36.6269, -59.0168



116.4220, -0.7010, -102.1021

Triad

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



120.2940, -36.6269, -59.0168



124.7510, 64.2128, -109.4066



133.0380, -10.3717, 106.9607

Complementary

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



120.2940, -36.6269, -59.0168



94.7060, 36.6269, 59.0168

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.



141.2410, 18.6152, 96.2586



120.2940, -36.6269, -59.0168



133.6530, 59.8241, -54.9467

Square

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



120.2940, -36.6269, -59.0168



129.9540, 56.2247, -113.9697



150.7190, 43.5225, 40.5884



139.7040, -44.2241, 91.4676

Rectangle

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



120.2940, -36.6269, -59.0168



122.3670, 19.5391, -107.3159



150.7190, 43.5225, 40.5884



133.7850, 0.1060, 106.3056

Sweetspot

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



120.2940, -36.6269, -59.0168



200.0730, -14.3330, -22.8660



150.2820, -51.4110, 16.4157



98.6210, -8.6872, -13.6996



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.2940, -36.6269, -59.0168



143.5200, -56.4584, -91.6640



124.2430, -12.4448, -68.6191



80.6960, -2.3151, -4.1184



89.2680, -44.0091, -71.2720



12.0390, -5.9352, -9.6812

Inverse Universe

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



94.7060, 36.6269, 59.0168



104.1810, 56.6058, 91.0493



90.7570, 12.4448, 68.6191



79.3040, 2.3151, 4.1184



58.4330, 44.1565, 70.6573



7.9610, 5.9352, 9.6812

Previews

White Background



This preview shows how the YUV color 120.2940, -36.6269, -59.0168 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 120.2940, -36.6269, -59.0168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

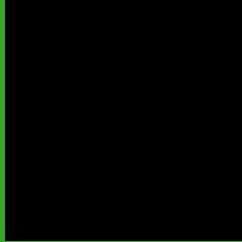
Any Text WCAG AA ✓ Pass

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 120.2940, -36.6269, -59.0168 Background



This preview shows how black text looks on a background with the YUV color 120.2940, -36.6269, -59.0168.



This preview shows how white text looks on a background with the YUV color 120.2940, -36.6269, -59.0168.

-59.0168.

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

120.2940, -36.6269, -59.0168

Protanopia

139.8850, -49.2433, 21.1489

Deuteranopia

142.5090, -42.1559, 34.6336



Tritanopia

137.5410, 16.0023, -46.0785

Trichromacy



Original Color

120.2940, -36.6269, -59.0168



Protanomaly

132.8490, -44.7886, -7.7606



Deuteranomaly

134.4570, -40.1583, 0.4762



Tritanomaly

131.1710, -3.0423, -51.0160

Monochromacy



Original Color

120.2940, -36.6269, -59.0168



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.3120, -13.4648, -21.3216

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2940, -36.6269, -59.0168 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, 169, 46)` looks like.

```
.text, #text, p{  
    color:rgb(53, 169, 46)  
}
```

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, 169, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 169, 46) }
```

Border

The CSS property to change the border of an element to YUV 120.2940, -36.6269, -59.0168 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, 169, 46) }
```


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

```
.border{ border-color:rgb(53, 169, 46) }
```

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

Here you see how a box with a 4 pixel rgb(53, 169, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 169, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 169, 46);  
box-shadow:4px 4px 4px 4px rgb(53, 169,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 120.2940, -36.6269, -59.0168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 169, 46) }
```

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

```
.background{ background-color: rgb(53, 169,  
46) }
```

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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