

Converting Colors

YUV(121.3690, -13.4929,
-59.0826)

Have a look what the booklet for
YUV(121.3690, -13.4929, -59.0826)
contains.

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Color

**YUV(121.3690, -13.4929,
-59.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	36A15E
RGB	54, 161, 94
RGB Percent	21%, 63%, 37%
CMY	0.7882, 0.3686, 0.6314
CMYK	0.66, 0.00, 0.42, 0.37
HSL	142°, 50%, 42%
HSV	142°, 66%, 63%
XYZ	16.2866, 27.0822, 14.9587
YIQ	121.3690, -42.2650, -43.5210

Conversions

Conversions Part 2

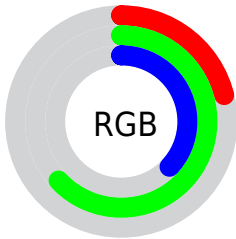
Format	Color
RYB	54, 132, 161
Decimal	3580254
CIELab	59.05, -45.78, 26.20
CIELCh	59, 52.744, 150.217
Yxy	27.0822, 0.2792, 0.4643
Android (android.graphics.Color)	4281770334 (0xFF36A15E)
YUV	121.3690, -13.4929, -59.0826
Hunter-Lab	52.0405, -35.2077, 19.3859

Details

The YUV color **121.3690, -13.4929, -59.0826** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **93.6310, 13.4929, 59.0826**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6960, -16.1191, -56.7384**, and **68.6400, -11.1615, -60.1973** is the 20% darker color. If you saturate the color by 10%, you get **115.4450, -15.5024, -67.9193**, and if you desaturate by 10%, it is **127.2930, -11.4834, -50.2460**.

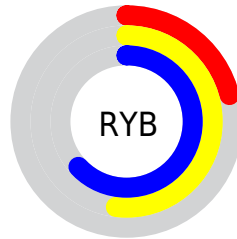
Distribution



Red (21%)

Green (63%)

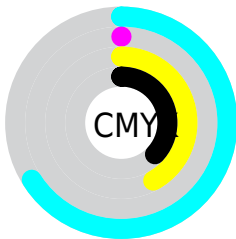
Blue (37%)



Red (21%)

Yellow (52%)

Blue (63%)

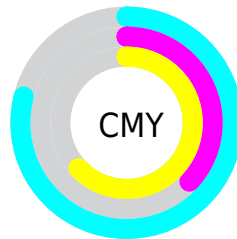


Cyan (66%)

Magenta (0%)

Yellow (42%)

Black (37%)



Cyan (79%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3690, -13.4929, -59.0826 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 121.3690, -13.4929, -59.0826 by changing the saturation by 10% instead.

■ 121.3690,
-13.4929, -59.0826

■ 121.3690,
-13.4929, -59.0826

■ 255.0000, 0.0000,
0.0000

■ 90.5250, -10.1188,
-67.9894

■ 177.6960,
-16.1191, -56.7384

■ 68.6400, -11.1615,
-60.1973

■ 206.1690,
-16.8453, -57.1532

■ 51.4570, -13.5363,
-45.1278

■ 223.2010,
-11.9311, -46.6573

■ 34.6330, -17.0741,
-30.3731

■ 235.1780, -3.5388,
-31.7281

■ 21.7190, -10.7075,
-19.0476

■ 246.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,
0.0000

■ 121.3690,
-13.4929, -59.0826

■ 121.3690,
-13.4929, -59.0826

■ 115.4450,
-15.5024, -67.9193

■ 127.2930,
-11.4834, -50.2460

■ 109.5210,
-17.5119, -76.7559

■ 133.2170, -9.4740,
-41.4093

■ 103.5970,
-19.5213, -85.5926

■ 139.1410, -7.4645,
-32.5727

■ 101.3470,
-20.3841, -88.8813

■ 145.0650, -5.4550,
-23.7360

■ 151.2880, -3.5930,
-14.2846

■ 157.2120, -1.5835,
-5.4479

■ 163.2500, 0.8628,
3.2887

■ 169.1740, 2.8722,

12.1254

■ 175.0980, 4.8817,
20.9621

Harmonies

Analogous

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



132.1890, -37.0682, -10.6898



121.3690, -13.4929, -59.0826



112.9290, 13.8390, -99.0387

Triad

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



121.3690, -13.4929, -59.0826



120.2550, 56.5693, -84.4156



140.3700, -20.8884, 73.3435

Complementary

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



121.3690, -13.4929, -59.0826



93.6310, 13.4929, 59.0826

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.



142.3910, 0.7932, 72.4481



121.3690, -13.4929, -59.0826



144.6740, 38.1217, -0.5911

Square

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



121.3690, -13.4929, -59.0826



118.6410, 50.9560, -104.0482



146.2040, 21.0984, 46.3021



139.2650, -38.5846, 55.8956

Rectangle

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



121.3690, -13.4929, -59.0826



116.5770, 27.8165, -102.2380



146.2040, 21.0984, 46.3021



140.6290, -13.6211, 75.7474

Sweetspot

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



121.3690, -13.4929, -59.0826



193.4780, -5.1657, -23.2212



137.1410, -40.9885, -13.2787



95.4020, -3.1562, -14.3846



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.



121.3690, -13.4929, -59.0826



147.0970, -21.2468, -92.1701



127.4110, 9.6574, -64.3814



78.6250, -1.2941, -4.9331



91.2710, -18.3746, -80.0447



11.3640, -2.1515, -9.9662

Inverse Universe

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



93.6310, 13.4929, 59.0826



103.9030, 21.2468, 92.1701



87.5890, -9.6574, 64.3814



76.3750, 1.2941, 4.9331



53.7290, 18.3746, 80.0447



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 121.3690, -13.4929, -59.0826 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 121.3690, -13.4929, -59.0826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

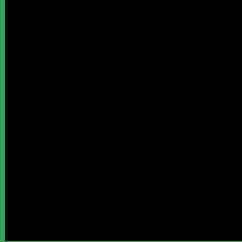
Any Text WCAG AA ✓ Pass

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 121.3690, -13.4929, -59.0826 Background



This preview shows how black text looks on a background with the YUV color 121.3690, -13.4929, -59.0826.



This preview shows how white text looks on a background with the YUV color 121.3690, -13.4929, -59.0826.

-59.0826.

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

121.3690, -13.4929, -59.0826

Protanopia

138.6170, -25.9402, 13.4909

Deuteranopia

140.8770, -20.1524, 23.7869



Tritanopia

131.9430, 16.2971, -47.3080

Trichromacy



Original Color

121.3690, -13.4929, -59.0826

Protanomaly

132.3040, -21.3489, -12.5446

Deuteranomaly

133.6730, -17.5868, -5.8522

Tritanomaly

128.0490, 5.3988, -51.7860

Monochromacy



Original Color

121.3690, -13.4929, -59.0826

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.4890, -5.1711, -21.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3690, -13.4929, -59.0826 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(54, 161, 94)` looks like.

```
.text, #text, p{  
    color:rgb(54, 161, 94)  
}
```

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(54, 161, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 161, 94) }
```

Border

The CSS property to change the border of an element to YUV 121.3690, -13.4929, -59.0826 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(54, 161, 94) }
```


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

```
.border{ border-color:rgb(54, 161, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 161, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 161, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 161, 94);  
box-shadow:4px 4px 4px 4px rgb(54, 161,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 121.3690, -13.4929, -59.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 161, 94) }
```

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

```
.background{ background-color: rgb(54, 161,  
94) }
```

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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