

Converting Colors

YUV(96.3710, -40.1159,
-59.9614)

Have a look what the booklet for
YUV(96.3710, -40.1159, -59.9614)
contains.

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Color

**YUV(96.3710, -40.1159,
-59.9614)**

Conversions

Conversions Part 1

Format	Color
Hex	1C930F
RGB	28, 147, 15
RGB Percent	11%, 58%, 6%
CMY	0.8902, 0.4235, 0.9412
CMYK	0.81, 0.00, 0.90, 0.42
HSL	114°, 81%, 32%
HSV	114°, 90%, 58%
XYZ	10.9988, 21.1488, 3.9544
YIQ	96.3710, -28.5520, -66.2800

Conversions

Conversions Part 2

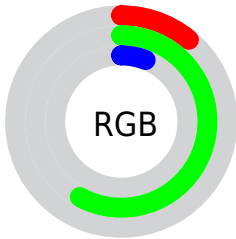
Format	Color
RYB	15, 147, 134
Decimal	1872655
CIELab	53.11, -54.24, 52.93
CIElCh	53, 75.786, 135.704
Yxy	21.1488, 0.3047, 0.5858
Android (android.graphics.Color)	4280062735 (0xFF1C930F)
YUV	96.3710, -40.1159, -59.9614
Hunter-Lab	45.9878, -37.7872, 27.0933

Details

The YUV color **96.3710, -40.1159, -59.9614** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **65.6290, 40.1159, 59.9614**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8280, -39.8482, -52.4692**, and **55.7650, -27.4921, -48.9059** is the 20% darker color. If you saturate the color by 10%, you get **90.7740, -44.7516, -66.4538**, and if you desaturate by 10%, it is **101.9680, -35.4802, -53.4689**.

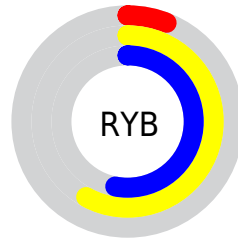
Distribution



Red (11%)

Green (58%)

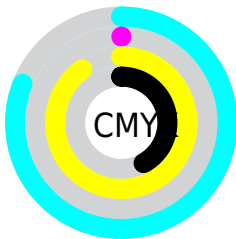
Blue (6%)



Red (6%)

Yellow (58%)

Blue (53%)

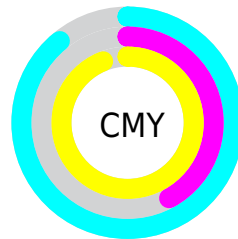


Cyan (81%)

Magenta (0%)

Yellow (90%)

Black (42%)



Cyan (89%)


Magenta (42%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.3710, -40.1159, -59.9614 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 96.3710, -40.1159, -59.9614 by changing the saturation by 10% instead.


 96.3710, -40.1159,
-59.9614


 96.3710, -40.1159,
-59.9614


255.0000, 0.0000,
0.0000


 70.4400, -34.7269,
-61.7759


 155.8280,
-39.8482, -52.4692


 55.7650, -27.4921,
-48.9059


 184.7850,
-41.3060, -51.5544


 41.0900, -20.2574,
-36.0359

 210.6220,
-40.7326, -48.7805

 28.1760, -13.8908,
-24.7104

 222.3710,
-33.2139, -33.6514

 11.1530, -5.4984,
-9.7812

 234.5330,
-25.4058, -18.0074

 0.0000, 0.0000,
0.0000

 246.8090,

-17.1608, -2.4635

253.4040, -6.1152,
1.3997

96.3710, -40.1159,
-59.9614

96.3710, -40.1159,
-59.9614

90.7740, -44.7516,
-66.4538

101.9680,
-35.4802, -53.4689

90.4750, -44.6042,
-67.0686

107.7500,
-31.4288, -46.2618

113.3470,
-26.7931, -39.7693

118.9440,
-22.1574, -33.2769

124.4270,
-17.9585, -26.6845

■ 130.3230,
-13.4702, -19.5773

■ 135.9200, -8.8346,
-13.0848

■ 141.5170, -4.1989,
-6.5924

■ 147.0000, 0.0000,
0.0000

Harmonies

Analogous

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



115.1360, -56.7620, 6.0197



96.3710, -40.1159, -59.9614



100.2990, -4.0914, -87.9622

Triad

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



96.3710, -40.1159, -59.9614



112.8970, 69.5638, -99.0107



108.8200, -6.3203, 114.1679

Complementary

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



96.3710, -40.1159, -59.9614



65.6290, 40.1159, 59.9614

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.



116.4520, 21.9622, 96.0736



96.3710, -40.1159, -59.9614



101.1570, 75.3516, -88.7147

Square

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



96.3710, -40.1159, -59.9614



114.8910, 51.8187, -100.7594



129.5120, 44.1176, 36.3850



116.6870, -41.7507, 91.4825

Rectangle

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



96.3710, -40.1159, -59.9614



106.7170, 15.4225, -93.5908



129.5120, 44.1176, 36.3850



108.2790, 4.2995, 114.6423

Sweetspot

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



96.3710, -40.1159, -59.9614



171.4320, -15.4960, -23.1809



124.3210, -53.8953, 19.8895



85.0940, -9.4133, -14.1144



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



96.3710, -40.1159, -59.9614



117.7980, -58.0744, -86.6458



98.5260, -15.0493, -73.2523



71.1090, -2.0257, -3.6036



85.1920, -41.9997, -62.4354



6.1690, -3.0413, -4.5332

Inverse Universe

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



65.6290, 40.1159, 59.9614



73.2020, 58.0744, 86.6458



63.4740, 15.0493, 73.2523



69.5920, 2.1731, 2.9888



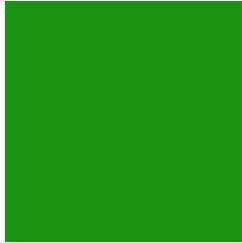
52.8080, 41.9997, 62.4354



3.8310, 3.0413, 4.5332

Previews

White Background



This preview shows how the YUV color 96.3710, -40.1159, -59.9614 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 96.3710, -40.1159, -59.9614 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 96.3710, -40.1159, -59.9614 Background



This preview shows how black text looks on a background with the YUV color 96.3710, -40.1159, -59.9614.



This preview shows how white text looks on a background with the YUV color 96.3710, -40.1159,

-59.9614.

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

96.3710, -40.1159, -59.9614

Protanopia

116.7620, -56.0847, 22.1337

Deuteranopia

121.5580, -43.1661, 31.9596



Tritanopia

117.0250, 15.2707, -44.7489

Trichromacy



Original Color

96.3710, -40.1159, -59.9614



Protanomaly

109.6550, -50.6089, -7.5904



Deuteranomaly

112.5770, -42.1895, -1.3830



Tritanomaly

109.7150, -4.7895, -50.6161

Monochromacy



Original Color

96.3710, -40.1159, -59.9614



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

96.3720, -14.4804, -22.2512

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3710, -40.1159, -59.9614 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(28, 147, 15)` looks like.

```
.text, #text, p{  
    color:rgb(28, 147, 15)  
}
```

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(28, 147, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 147, 15) }
```

Border

The CSS property to change the border of an element to YUV 96.3710, -40.1159, -59.9614 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(28, 147, 15) }
```


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

```
.border{ border-color:rgb(28, 147, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 147, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 147, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 147, 15);  
box-shadow:4px 4px 4px 4px rgb(28, 147,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 96.3710, -40.1159, -59.9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 147, 15) }
```

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

```
.background{ background-color: rgb(28, 147,  
15) }
```

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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