

Converting Colors

YIQ(119.2900, -14.6620,
-53.6860)

Have a look what the booklet for
YIQ(119.2900, -14.6620, -53.6860)
contains.

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Color

**YIQ(119.2900, -14.6620,
-53.6860)**

Conversions

Conversions Part 1	
Format	Color
Hex	489E2C
RGB	72, 158, 44
RGB Percent	28%, 62%, 17%
CMY	0.7179, 0.3802, 0.8274
CMYK	0.54, 0.00, 0.72, 0.38
HSL	105°, 56%, 40%
HSV	105°, 72%, 62%
XYZ	15.3550, 26.0229, 6.5973
YIQ	119.2900, -14.6620, -53.6860

Conversions

Conversions Part 2

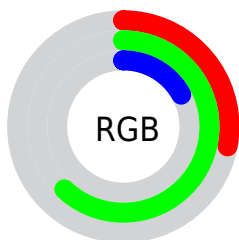
Format	Color
RYB	44, 158, 130
Decimal	4759084
CIELab	58.06, -46.90, 49.13
CIELCh	58, 67.926, 133.669
Yxy	26.0229, 0.3201, 0.5424
Android (android.graphics.Color)	4282949164 (0xFF489E2C)
YUV	119.2900, -37.1180, -41.4733
Hunter-Lab	51.0126, -35.5429, 28.0411

Details

The YIQ color **119.2900, -14.6620, -53.6860** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **82.7100, 14.6620, 53.6860**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.6600, -12.8280, -53.8840**, and **62.2220, -29.1500, -55.4380** is the 20% darker color. If you saturate the color by 10%, you get **113.8780, -16.6780, -61.2060**, and if you desaturate by 10%, it is **124.7020, -12.6460, -46.1660**.

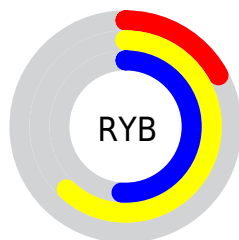
Distribution



Red (28%)

Green (62%)

Blue (17%)



Red (17%)

Yellow (62%)

Blue (51%)

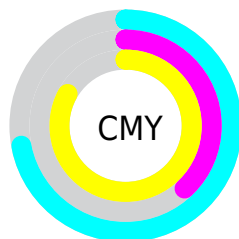


Cyan (54%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (72%)


Magenta (38%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.2900, -14.6620, -53.6860 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 YIQ color 119.2900, -14.6620, -53.6860 by changing the saturation by 10% instead.


 119.2900,
-14.6620, -53.6860


 119.2900,
-14.6620, -53.6860


255.0000, -0.0000,
-0.0000

 90.6380, -15.7620,
-55.7780


 174.6600,
-12.8280, -53.8840


 62.2220, -29.1500,
-55.4380


 203.0190,
-12.4610, -55.0290

 46.9600, -22.0000,
-41.8400


 222.3990, -7.4190,
-47.2830

 32.8720, -15.4000,
-29.2880

 234.2620, 0.8770,
-32.4270

 20.5450, -9.6250,
-18.3050

 246.1250, 9.1730,
-17.5710

 0.0000, 0.0000,
0.0000

 252.7200, 6.4200,

-6.2200

■ 119.2900,
-14.6620, -53.6860

■ 119.2900,
-14.6620, -53.6860

■ 113.8780,
-16.6780, -61.2060

■ 124.7020,
-12.6460, -46.1660

■ 108.4660,
-18.6940, -68.7260

■ 130.1140,
-10.6300, -38.6460

■ 104.4070,
-20.2060, -74.3660

■ 135.4120, -8.2930,
-31.4370

■ 140.8240, -6.2770,
-23.9170

■ 146.2360, -4.2610,
-16.3970

■ 151.6480, -2.2450,
-8.8770

■ 156.7610, -0.8250,
-1.5690

■ 162.0590, 1.5120,
5.6400

■ 167.4710, 3.5280,
13.1600

Harmonies

Analogous

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



127.5730, 44.7570, -45.7310



119.2900, -14.6620, -53.6860



108.7110, -78.7590, -53.9510

Triad

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



119.2900, -14.6620, -53.6860



119.9410, -124.1590, -2.0710



131.5640, 87.9300, 47.4340

Complementary

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



119.2900, -14.6620, -53.6860



82.7100, 14.6620, 53.6860

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.



137.1420, 57.4840, 59.5640



119.2900, -14.6620, -53.6860



125.3360, -87.9420, 18.8900

Square

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



119.2900, -14.6620, -53.6860



121.4620, -116.0410, -17.0410



143.5450, 1.8250, 49.5450



133.3210, 91.7870, 16.0670

Rectangle

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



119.2900, -14.6620, -53.6860



114.5590, -92.4700, -42.2460



143.5450, 1.8250, 49.5450



132.9580, 81.1890, 53.9650

Sweetspot

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



119.2900, -14.6620, -53.6860



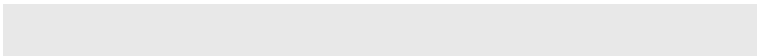
191.2910, -6.0940, -21.7260



128.5680, 44.2940, -20.8100



95.5290, -3.5280, -13.1600



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.



119.2900, -14.6620, -53.6860



145.8160, -23.2760, -84.8120



114.2240, -40.6590, -50.6030



76.2940, -1.0080, -3.7600



94.4060, -18.4650, -67.3690



10.0010, -1.7410, -6.9970

Inverse Universe

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



82.7100, 14.6620, 53.6860



88.1840, 23.2760, 84.8120



87.8900, 40.3380, 50.9140



73.7060, 1.0080, 3.7600



48.5940, 18.4650, 67.3690



5.2980, 2.3370, 7.2090

Previews

White Background



This preview shows how the YIQ color 119.2900, -14.6620, -53.6860 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 YIQ color 119.2900, -14.6620, -53.6860 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](#).

YIQ 119.2900, -14.6620, -53.6860 Background



This preview shows how black text looks on a background with the YIQ color 119.2900, -14.6620, -53.6860.



This preview shows how white text looks on a background with the YIQ color 119.2900, -14.6620,

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

119.2900, -14.6620, -53.6860

Protanopia

132.6830, 42.2320, -27.4960

Deuteranopia

135.3670, 49.4740, -15.5660



Tritanopia

132.5210, -35.4400, -7.5040

Trichromacy



Original Color
119.2900, -14.6620, -53.6860

Protanomaly
127.7510, 21.1890, -37.1070

Deuteranomaly
129.1310, 26.2310, -29.3610

Tritanomaly
127.6890, -27.8260, -24.3540

Monochromacy



Original Color
119.2900, -14.6620, -53.6860

Achromatopsia
119.0000, -0.0000, 0.0000

Achromatomaly
119.0570, -5.3150, -19.3230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2900, -14.6620, -53.6860 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(72, 158, 44)` looks like.

```
.text, #text, p{  
    color:rgb(72, 158, 44)  
}
```

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(72, 158, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 158, 44) }
```

Border

The CSS property to change the border of an element to YIQ 119.2900, -14.6620, -53.6860 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(72, 158, 44) }
```


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

```
.border{ border-color:rgb(72, 158, 44) }
```

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

Here you see how a box with a 4 pixel rgb(72, 158, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 158, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 158, 44);  
box-shadow:4px 4px 4px 4px rgb(72, 158,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2900, -14.6620, -53.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 158, 44) }
```

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

```
.background{ background-color: rgb(72, 158,  
44) }
```

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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