

Converting Colors

YIQ(115.0790, -20.7170,
-37.5570)

Have a look what the booklet for
YIQ(115.0790, -20.7170, -37.5570)
contains.

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Color

**YIQ(115.0790, -20.7170,
-37.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	48914A
RGB	72, 145, 74
RGB Percent	28%, 57%, 29%
CMY	0.7179, 0.4312, 0.7098
CMYK	0.50, 0.00, 0.49, 0.43
HSL	122°, 34%, 43%
HSV	122°, 50%, 57%
XYZ	14.0342, 22.1300, 10.0092
YIQ	115.0790, -20.7170, -37.5570

Conversions

Conversions Part 2

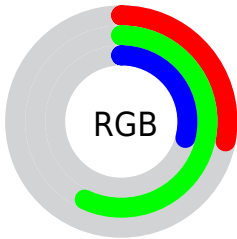
Format	Color
R_{YB}	72, 143, 145
Decimal	4755786
CIE _{Lab}	54.16, -38.16, 30.71
CIE _{LCh}	54, 48.984, 141.174
Yxy	22.1300, 0.3039, 0.4793
Android (android.graphics.Color)	4282945866 (0xFF48914A)
YUV	115.0790, -20.2519, -37.7803
Hunter-Lab	47.0426, -29.0726, 20.3147

Details

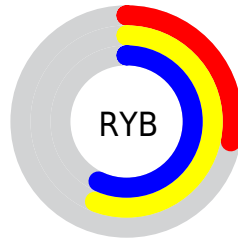
The YIQ color **115.0790, -20.7170, -37.5570** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **101.9210, 20.7170, 37.5570**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2100, -19.7080, -39.3240**, and **61.2460, -28.5570, -38.6450** is the 20% darker color. If you saturate the color by 10%, you get **108.9980, -25.1630, -45.0910**, and if you desaturate by 10%, it is **120.8610, -16.8670, -30.2350**.

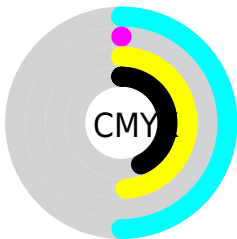
Distribution



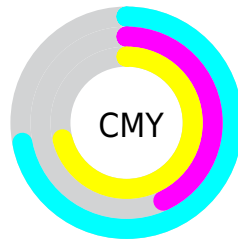
- Red (28%)
- Green (57%)
- Blue (29%)



- Red (28%)
- Yellow (56%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.0790, -20.7170, -37.5570 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 115.0790, -20.7170, -37.5570 by changing the saturation by 10% instead.

■ 115.0790,
-20.7170, -37.5570

■ 115.0790,
-20.7170, -37.5570

■ 255.0000, -0.0000,
-0.0000

■ 88.7090, -22.5510,
-37.3590

■ 169.2100,
-19.7080, -39.3240

■ 61.2460, -28.5570,
-38.6450

■ 196.6830,
-19.6620, -40.1580

■ 40.7310, -19.6170,
-35.4650

■ 223.9820,
-19.0660, -39.9460

■ 27.0020, -12.6500,
-24.0580

■ 235.5460,
-11.3660, -25.3020

■ 13.5010, -6.3250,
-12.0290

■ 247.4090, -3.0700,
-10.4460

■ 0.0000, 0.0000,
0.0000

■ 115.0790,
-20.7170, -37.5570

■ 115.0790,
-20.7170, -37.5570

■ 108.9980,
-25.1630, -45.0910

■ 120.8610,
-16.8670, -30.2350

■ 103.2160,
-29.0130, -52.4130

■ 126.9420,
-12.4210, -22.7010

■ 97.1350, -33.4590,
-59.9470

■ 132.7240, -8.5710,
-15.3790

■ 91.3530, -37.3090,
-67.2690

■ 138.8050, -4.1250,
-7.8450

■ 85.5710, -41.1590,
-74.5910

■ 144.5870, -0.2750,
-0.5230

■ 150.7820, 3.8500,
7.3220

■ 156.5640, 7.7000,
14.6440

■ 162.6450, 12.1460,

22.1780

■ 168.4270, 15.9960,
29.5000

Harmonies

Analogous

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



121.7390, 21.4630, -31.0570



115.0790, -20.7170, -37.5570



100.5730, -77.8900, -42.1620

Triad

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



115.0790, -20.7170, -37.5570



105.2880, -106.3230, -5.9310



127.9980, 65.3760, 26.6560

Complementary

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



115.0790, -20.7170, -37.5570



101.9210, 20.7170, 37.5570

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.



130.8070, 47.4010, 38.5450



115.0790, -20.7170, -37.5570



128.6180, -35.9500, 23.7780

Square

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



115.0790, -20.7170, -37.5570



108.5190, -103.0200, -16.2360



133.6150, 12.8310, 37.3030



127.9260, 64.7380, 5.1700

Rectangle

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



115.0790, -20.7170, -37.5570



104.5800, -87.7950, -33.3550



133.6150, 12.8310, 37.3030



128.4200, 61.4320, 32.0560

Sweetspot

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



115.0790, -20.7170, -37.5570



177.1370, -8.2960, -14.8560



136.3790, 22.8370, -22.9150



87.0930, -4.9960, -8.5800



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.0790, -20.7170, -37.5570



142.3740, -32.6340, -58.3780



119.1830, -32.2730, -26.3610



68.1090, -1.9250, -3.6610



79.7010, -38.4090, -69.3610



4.6960, -2.2000, -4.1840

Inverse Universe

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



101.9210, 20.7170, 37.5570



121.7400, 32.3130, 58.6890



97.8170, 32.2730, 26.3610



66.8910, 1.9250, 3.6610



55.2990, 38.4090, 69.3610



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 115.0790, -20.7170, -37.5570 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 115.0790, -20.7170, -37.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

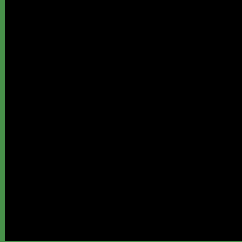
Any Text WCAG AA ✓ Pass

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 115.0790, -20.7170, -37.5570 Background



This preview shows how black text looks on a background with the YIQ color 115.0790, -20.7170, -37.5570.



This preview shows how white text looks on a background with the YIQ color 115.0790, -20.7170, -37.5570.

-37.5570.

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

115.0790, -20.7170, -37.5570

Protanopia

125.9330, 27.3290, -16.2150

Deuteranopia

127.8510, 33.7920, -6.6880



Tritanopia

123.6030, -32.7350, -6.9670

Trichromacy



Original Color

115.0790, -20.7170, -37.5570

Protanomaly

122.2080, 10.1370, -24.0310

Deuteranomaly

123.0500, 13.7580, -18.0660

Tritanomaly

120.4920, -28.4690, -18.2050

Monochromacy



Original Color

115.0790, -20.7170, -37.5570

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9630, -7.7460, -13.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.0790, -20.7170, -37.5570 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, 145, 74)` looks like.

```
.text, #text, p{  
    color:rgb(72, 145, 74)  
}
```

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, 145, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 145, 74) }
```

Border

The CSS property to change the border of an element to YIQ 115.0790, -20.7170, -37.5570 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, 145, 74) }
```


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

```
.border{ border-color:rgb(72, 145, 74) }
```

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

Here you see how a box with a 4 pixel rgb(72, 145, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 145, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 145, 74);  
box-shadow:4px 4px 4px 4px rgb(72, 145,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 115.0790, -20.7170, -37.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 145, 74) }
```

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

```
.background{ background-color: rgb(72, 145,  
74) }
```

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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