

Converting Colors

YIQ(119.7920, 12.8030,
-61.3490)

Have a look what the booklet for
YIQ(119.7920, 12.8030, -61.3490)
contains.

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Color

**YIQ(119.7920, 12.8030,
-61.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9C01
RGB	94, 156, 1
RGB Percent	37%, 61%, 0%
CMY	0.6316, 0.3881, 0.9959
CMYK	0.40, 0.00, 0.99, 0.39
HSL	84°, 99%, 31%
HSV	84°, 99%, 61%
XYZ	16.5082, 26.1642, 4.2101
YIQ	119.7920, 12.8030, -61.3490

Conversions

Conversions Part 2

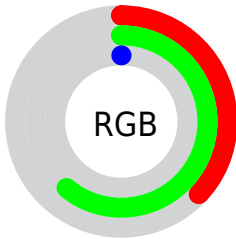
Format	Color
R_{YB}	1, 156, 63
Decimal	6200321
CIE _{Lab}	58.19, -40.83, 60.29
CIE _{LCh}	58, 72.811, 124.105
Y _{xy}	26.1642, 0.3521, 0.5581
Android (android.graphics.Color)	4284390401 (0xFF5E9C01)
YUV	119.7920, -58.5645, -22.6196
Hunter-Lab	51.1510, -31.9060, 30.9257

Details

The YIQ color **119.7920, 12.8030, -61.3490** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **37.2080, -12.8030, 61.3490**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9150, 8.2630, -56.1610**, and **71.8120, -7.1440, -46.7600** is the 20% darker color. If you saturate the color by 10%, you get **119.6780, 13.1240, -61.6600**, and if you desaturate by 10%, it is **123.4100, 11.2430, -55.1010**.

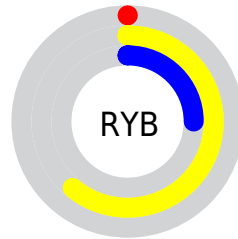
Distribution



Red (37%)

Green (61%)

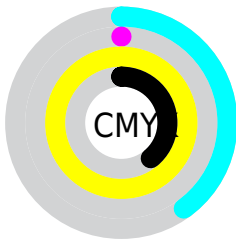
Blue (0%)



Red (0%)

Yellow (61%)

Blue (25%)

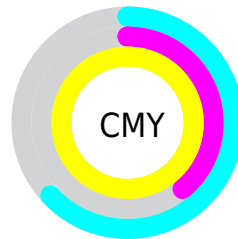


Cyan (40%)

Magenta (0%)

Yellow (99%)

Black (39%)



Cyan (63%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7920, 12.8030, -61.3490 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 119.7920, 12.8030, -61.3490 by changing the saturation by 10% instead.

■ 119.7920, 12.8030,
-61.3490

■ 119.7920, 12.8030,
-61.3490

■ 255.0000, -0.0000,
-0.0000

■ 96.0440, 3.5860,
-53.9980

■ 176.9150, 8.2630,
-56.1610

■ 71.8120, -7.1440,
-46.7600

■ 205.3880, 8.3090,
-56.9950

■ 46.3730, -21.7250,
-41.3170

■ 226.0560, 12.4800,
-49.9840

■ 32.8720, -15.4000,
-29.2880

■ 238.1040, 21.6930,
-35.2270

■ 20.5450, -9.6250,
-18.3050

■ 246.6780, 23.4330,
-22.7030

■ 0.0000, 0.0000,
0.0000

■ 249.9840, 14.1240,

-13.6840

■ 253.2900, 4.8150,
-4.6650

■ 119.7920, 12.8030,
-61.3490

■ 119.7920, 12.8030,
-61.3490

■ 119.6780, 13.1240,
-61.6600

■ 123.4100, 11.2430,
-55.1010

■ 126.9140, 10.0040,
-49.1640

■ 130.8310, 9.0400,
-42.7040

■ 134.3350, 7.8010,
-36.7670

■ 137.9530, 6.2410,
-30.5190

■ 141.5710, 4.6810,
-24.2710

■ 145.3740, 4.0380,
-18.1220

■ 148.9920, 2.4780,
-11.8740

■ 152.4960, 1.2390,
-5.9370

Harmonies

Analogous

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



130.0200, 56.8600, -39.3000



119.7920, 12.8030, -61.3490



106.0890, -71.3760, -61.1040

Triad

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



119.7920, 12.8030, -61.3490



123.5770, -126.1300, -4.8980



129.6540, 88.1570, 59.8450

Complementary

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



119.7920, 12.8030, -61.3490



37.2080, -12.8030, 61.3490

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.



139.3180, 45.4250, 63.3530



119.7920, 12.8030, -61.3490



114.1850, -121.7300, 3.4700

Square

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



119.7920, 12.8030, -61.3490



122.5560, -113.6100, -22.5540



142.4480, -22.8870, 45.8570



131.0590, 98.9370, 29.6650

Rectangle

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



119.7920, 12.8030, -61.3490



112.8660, -86.3250, -48.9890



142.4480, -22.8870, 45.8570



131.4280, 77.2900, 64.0580

Sweetspot

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



119.7920, 12.8030, -61.3490



189.5710, 4.6810, -24.2710



83.7390, 75.3300, 0.4340



93.2970, 2.9370, -14.6870



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



119.7920, 12.8030, -61.3490



156.2260, 16.6120, -80.8280



96.7690, -33.0890, -77.6730



77.1910, 0.7800, -3.1240



109.6550, 11.9310, -56.5570



11.4960, 1.2390, -5.9370

Inverse Universe

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



37.2080, -12.8030, 61.3490



47.7740, -16.6120, 80.8280



60.5300, 33.6850, 77.8850



72.8090, -0.7800, 3.1240



33.3450, -11.9310, 56.5570



3.5040, -1.2390, 5.9370

Previews

White Background



This preview shows how the YIQ color 119.7920, 12.8030, -61.3490 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 119.7920, 12.8030, -61.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

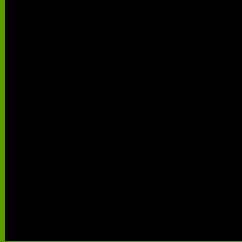
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.7920, 12.8030, -61.3490

Background



This preview shows how black text looks on a background with the YIQ color 119.7920, 12.8030, -61.3490.



This preview shows how white text looks on a background with the YIQ color 119.7920, 12.8030,

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

119.7920, 12.8030, -61.3490

Protanopia

129.1230, 55.0720, -39.9360

Deuteranopia

133.3430, 58.0490, -22.2950



Tritanopia

136.2020, -24.1160, -3.4760

Trichromacy



Original Color

119.7920, 12.8030, -61.3490

Protanomaly

125.7680, 39.7140, -47.9500

Deuteranomaly

128.7010, 41.8210, -36.5710

Tritanomaly

130.2580, -10.4950, -24.5670

Monochromacy



Original Color

119.7920, 12.8030, -61.3490

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0380, 4.8640, -22.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7920, 12.8030, -61.3490 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(94, 156, 1)` looks like.

```
.text, #text, p{  
    color:rgb(94, 156, 1)  
}
```

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(94, 156, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 156, 1) }
```

Border

The CSS property to change the border of an element to YIQ 119.7920, 12.8030, -61.3490 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(94, 156, 1) }
```


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

```
.border{ border-color:rgb(94, 156, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 156, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 156, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 156, 1);  
box-shadow:4px 4px 4px 4px rgb(94, 156, 1)  
}
```

Background

The CSS property to change the background color of an element to YIQ 119.7920, 12.8030, -61.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 156, 1) }
```

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

```
.background{ background-color: rgb(94, 156,  
1) }
```

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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