

Converting Colors

YIQ(119.0520, 1.1080, -42.1240)

Have a look what the booklet for
YIQ(119.0520, 1.1080, -42.1240)
contains.

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Color

**YIQ(119.0520, 1.1080,
-42.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	5E922E
RGB	94, 146, 46
RGB Percent	37%, 57%, 18%
CMY	0.6316, 0.4274, 0.8195
CMYK	0.36, 0.00, 0.68, 0.43
HSL	91°, 52%, 38%
HSV	91°, 68%, 57%
XYZ	15.3870, 23.1390, 6.2422
YIQ	119.0520, 1.1080, -42.1240

Conversions

Conversions Part 2

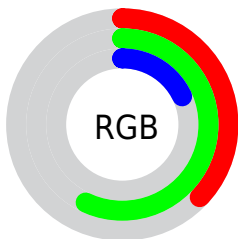
Format	Color
RYB	46, 146, 98
Decimal	6197806
CIELab	55.22, -34.46, 45.67
CIELCh	55, 57.208, 127.036
Yxy	23.1390, 0.3437, 0.5169
Android (android.graphics.Color)	4284387886 (0xFF5E922E)
YUV	119.0520, -36.0146, -21.9706
Hunter-Lab	48.1030, -27.0825, 25.9782

Details

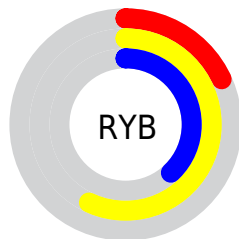
The YIQ color **119.0520, 1.1080, -42.1240** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **72.9480, -1.1080, 42.1240**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7100, 2.0710, -43.0570**, and **68.0240, -1.6890, -40.9930** is the 20% darker color. If you saturate the color by 10%, you get **114.9500, 1.1550, -48.4850**, and if you desaturate by 10%, it is **123.1540, 1.0610, -35.7630**.

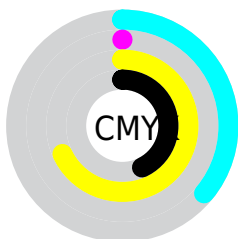
Distribution



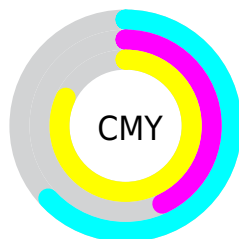
- Red (37%)
- Green (57%)
- Blue (18%)



- Red (18%)
- Yellow (57%)
- Blue (38%)



- Cyan (36%)
- Magenta (0%)
- Yellow (68%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0520, 1.1080, -42.1240 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 119.0520, 1.1080, -42.1240 by changing the saturation by 10% instead.

■ 119.0520, 1.1080,
-42.1240

■ 119.0520, 1.1080,
-42.1240

■ 255.0000, -0.0000,
-0.0000

■ 92.8240, 1.7500,
-42.7460

■ 172.7100, 2.0710,
-43.0570

■ 68.0240, -1.6890,
-40.9930

■ 201.0690, 2.4380,
-44.2020

■ 44.9660, -12.9690,
-34.8010

■ 227.7810, 3.3090,
-43.4670

■ 28.1760, -13.2000,
-25.1040

■ 239.6440, 11.6050,
-28.6110

■ 15.8490, -7.4250,
-14.1210

■ 249.4140, 15.7290,
-15.2390

■ 0.0000, 0.0000,
0.0000

■ 252.6060, 6.7410,

-6.5310

■ 119.0520, 1.1080,
-42.1240

■ 119.0520, 1.1080,
-42.1240

■ 114.9500, 1.1550,
-48.4850

■ 123.1540, 1.0610,
-35.7630

■ 111.2610, 1.4770,
-54.3230

■ 126.8430, 0.7390,
-29.9250

■ 107.1590, 1.5240,
-60.6840

■ 130.9450, 0.6920,
-23.5640

■ 106.6320, 1.5700,
-61.5180

■ 134.6340, 0.3700,
-17.7260

■ 138.7360, 0.3230,
-11.3650

■ 142.8380, 0.2760,
-5.0040

■ 146.5270, -0.0460,
0.8340

■ 150.6290, -0.0930,
7.1950

■ 154.3180, -0.4150,
13.0330

Harmonies

Analogous

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



124.5490, 45.3050, -33.6310



119.0520, 1.1080, -42.1240



100.1850, -71.2860, -51.7180

Triad

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



119.0520, 1.1080, -42.1240



112.2980, -112.2830, -8.0510



129.4090, 69.1330, 41.1730

Complementary

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



119.0520, 1.1080, -42.1240



72.9480, -1.1080, 42.1240

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.



134.2980, 39.0090, 47.4650



119.0520, 1.1080, -42.1240



114.2610, -92.5250, 8.3310

Square

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



119.0520, 1.1080, -42.1240



112.1720, -103.6610, -21.1410



135.6370, -10.5980, 37.8980



128.6000, 77.9400, 19.2200

Rectangle

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



119.0520, 1.1080, -42.1240



105.3490, -83.0710, -41.8790



135.6370, -10.5980, 37.8980



130.3360, 62.2090, 45.5130

Sweetspot

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



119.0520, 1.1080, -42.1240



178.1610, 0.3240, -16.8920



106.4240, 45.3000, -5.9960



87.7900, 0.2310, -9.6970



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.



119.0520, 1.1080, -42.1240



147.1110, 1.4790, -65.3770



104.9280, -28.1420, -51.6780



72.0060, -0.1370, -3.0250



100.7400, 1.3860, -58.1820



7.3650, 0.2300, -4.1700

Inverse Universe

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



72.9480, -1.1080, 42.1240



75.8890, -1.4790, 65.3770



87.0720, 28.1420, 51.6780



68.6950, -0.4590, 2.8130



37.2600, -1.3860, 58.1820



2.6350, -0.2300, 4.1700

Previews

White Background



This preview shows how the YIQ color 119.0520, 1.1080, -42.1240 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 119.0520, 1.1080, -42.1240 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 119.0520, 1.1080, -42.1240

Background



This preview shows how black text looks on a background with the YIQ color 119.0520, 1.1080, -42.1240.



This preview shows how white text looks on a background with the YIQ color 119.0520, 1.1080,

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

119.0520, 1.1080, -42.1240

Protanopia

126.2250, 37.8300, -24.8100

Deuteranopia

128.4530, 46.3560, -14.1240



Tritanopia

128.8820, -20.2190, -2.5150

Trichromacy



Original Color

119.0520, 1.1080, -42.1240

Protanomaly

123.5930, 24.8100, -31.1420

Deuteranomaly

125.3320, 30.2190, -24.5410

Tritanomaly

125.5170, -12.4220, -17.1740

Monochromacy



Original Color

119.0520, 1.1080, -42.1240

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1010, 0.5530, -15.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0520, 1.1080, -42.1240 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, 146, 46)` looks like.

```
.text, #text, p{  
    color:rgb(94, 146, 46)  
}
```

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, 146, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 146, 46) }
```

Border

The CSS property to change the border of an element to YIQ 119.0520, 1.1080, -42.1240 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, 146, 46) }
```


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

```
.border{ border-color:rgb(94, 146, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 146, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 146, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 146, 46);  
box-shadow:4px 4px 4px 4px rgb(94, 146,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0520, 1.1080, -42.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 146, 46) }
```

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

```
.background{ background-color: rgb(94, 146,  
46) }
```

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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