

Converting Colors

YIQ(122.0560, -50.5550,
-91.5390)

Have a look what the booklet for
YIQ(122.0560, -50.5550, -91.5390)
contains.

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Color

**YIQ(122.0560, -50.5550,
-91.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	11C316
RGB	17, 195, 22
RGB Percent	7%, 76%, 9%
CMY	0.9339, 0.2350, 0.9137
CMYK	0.91, 0.00, 0.89, 0.23
HSL	122°, 84%, 42%
HSV	122°, 91%, 77%
XYZ	19.9052, 39.2393, 7.2830
YIQ	122.0560, -50.5550, -91.5390

Conversions

Conversions Part 2

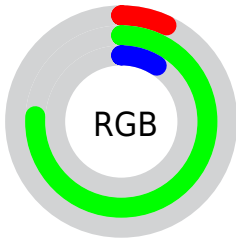
Format	Color
RYB	17, 190, 195
Decimal	1164054
CIELab	68.92, -69.13, 65.24
CIELCh	69, 95.049, 136.660
Yxy	39.2393, 0.2997, 0.5907
Android (android.graphics.Color)	4279354134 (0xFF11C316)
YUV	122.0560, -49.3276, -92.1341
Hunter-Lab	62.6413, -52.9013, 36.9555

Details

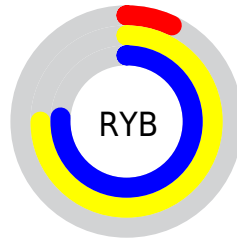
The YIQ color **122.0560, -50.5550, -91.5390** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **89.9440, 50.5550, 91.5390**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.1230, -34.3260, -82.7900**, and **82.1800, -38.5000, -73.2200** is the 20% darker color. If you saturate the color by 10%, you get **115.1490, -55.5510, -100.1190**, and if you desaturate by 10%, it is **129.9030, -45.3300, -81.6020**.

Distribution



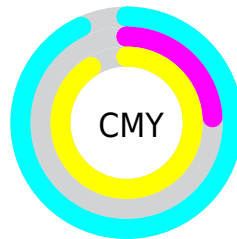
- Red (7%)
- Green (76%)
- Blue (9%)



- Red (7%)
- Yellow (75%)
- Blue (76%)



- Cyan (91%)
- Magenta (0%)
- Yellow (89%)
- Black (23%)





- Cyan (93%)
- Magenta (24%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.0560, -50.5550, -91.5390 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 122.0560, -50.5550, -91.5390 by changing the saturation by 10% instead.


 122.0560,
-50.5550, -91.5390


 122.0560,
-50.5550, -91.5390


 255.0000, -0.0000,
-0.0000


 98.0290, -45.9250,
-87.3410


 190.1230,
-34.3260, -82.7900


 82.1800, -38.5000,
-73.2200


 204.0570,
-24.7920, -68.3440

 66.3310, -31.0750,
-59.0990


 216.5180,
-15.3040, -53.0640

 51.0690, -23.9250,
-45.5010

 229.0930, -6.1370,
-37.4730

 36.3940, -17.0500,
-32.4260

 241.5540, 3.3510,
-22.1930

 21.7190, -10.1750,
-19.3510

 252.1500, 8.0250,

 0.0000, 0.0000,

-7.7750

0.0000

■ 122.0560,
-50.5550, -91.5390

■ 122.0560,
-50.5550, -91.5390

■ 115.1490,
-55.5510, -100.1190

■ 129.9030,
-45.3300, -81.6020

■ 138.0490,
-39.5090, -71.4530

■ 145.8960,
-34.2840, -61.5160

■ 154.0420,
-28.4630, -51.3670

■ 161.8890,
-23.2380, -41.4300

■ 170.0350,
-17.4170, -31.2810

■ 177.8820,
-12.1920, -21.3440

■ 186.0280, -6.3710,
-11.1950

■ 193.8750, -1.1460,
-1.2580

Harmonies

Analogous

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



152.3150, 44.9430, -60.1210



122.0560, -50.5550, -91.5390



133.4110, -95.9500, -67.2940

Triad

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



122.0560, -50.5550, -91.5390



140.6000, -134.1050, -20.0650



124.5410, 95.9050, 62.6010

Complementary

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



122.0560, -50.5550, -91.5390



89.9440, 50.5550, 91.5390

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.



138.3400, 66.6950, 85.3750



122.0560, -50.5550, -91.5390



124.1640, -126.4050, -5.4210

Square

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



122.0560, -50.5550, -91.5390



147.6440, -137.4050, -26.3410



166.8070, 22.1790, 66.1390



143.5000, 110.0360, 10.2280

Rectangle

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



122.0560, -50.5550, -91.5390



141.5390, -116.0810, -49.3690



166.8070, 22.1790, 66.1390



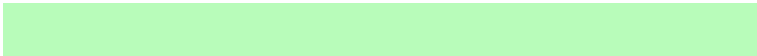
122.4500, 89.3920, 76.0160

Sweetspot

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



122.0560, -50.5550, -91.5390



224.1440, -19.3420, -34.9420



173.8110, 55.3500, -55.9940



111.1810, -11.5960, -21.1320



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



122.0560, -50.5550, -91.5390



148.7220, -71.5470, -129.6190



131.9740, -78.4820, -64.4820



92.8700, -2.7500, -5.2300



95.0770, -45.8800, -82.6480



19.4850, -9.3960, -16.9480

Inverse Universe

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



89.9440, 50.5550, 91.5390



103.2780, 71.5470, 129.6190



80.0260, 78.4820, 64.4820



91.1300, 2.7500, 5.2300



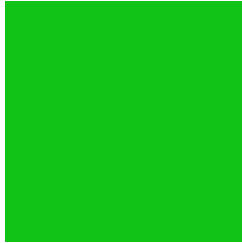
65.9230, 45.8800, 82.6480



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 122.0560, -50.5550, -91.5390 looks on a white background.

Color Contrast Check

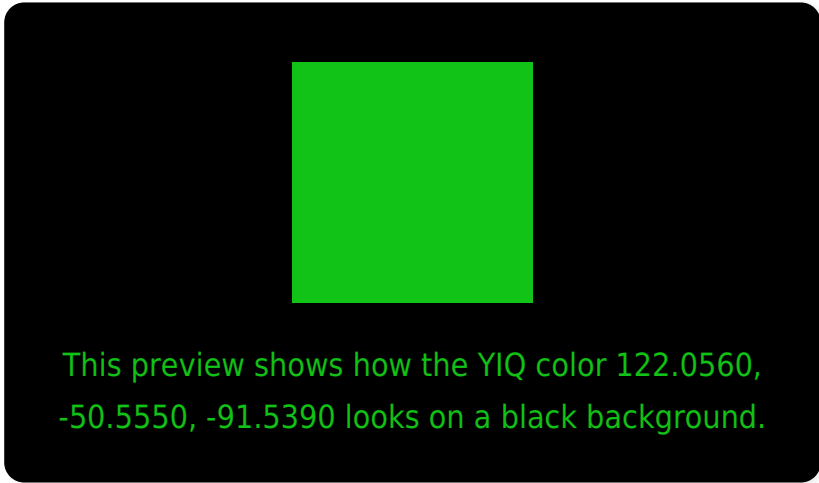
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

YIQ 122.0560, -50.5550, -91.5390 Background



This preview shows how black text looks on a background with the YIQ color 122.0560, -50.5550, -91.5390.



This preview shows how white text looks on a background with the YIQ color 122.0560, -50.5550, -91.5390.

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

122.0560, -50.5550, -91.5390

Protanopia

155.3810, 62.9130, -44.3750

Deuteranopia

160.5950, 66.0270, -23.7090



Tritanopia

153.4080, -63.2230, -16.1110

Trichromacy



Original Color

122.0560, -50.5550, -91.5390



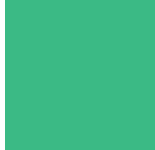
Protanomaly

143.1690, 21.9270, -61.5050



Deuteranomaly

146.2700, 23.6210, -48.1470



Tritanomaly

141.9850, -58.6790, -43.4070

Monochromacy



Original Color

122.0560, -50.5550, -91.5390



Achromatopsia

122.0000, 0.0000, -0.0000



Achromatomaly

122.3830, -18.5170, -33.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.0560, -50.5550, -91.5390 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(17, 195, 22)` looks like.

```
.text, #text, p{  
    color:rgb(17, 195, 22)  
}
```

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(17, 195, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 195, 22) }
```

Border

The CSS property to change the border of an element to YIQ 122.0560, -50.5550, -91.5390 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(17, 195, 22) }
```


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

```
.border{ border-color:rgb(17, 195, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 195, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 195, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 195, 22);  
box-shadow:4px 4px 4px 4px rgb(17, 195,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 122.0560, -50.5550, -91.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 195, 22) }
```

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

```
.background{ background-color: rgb(17, 195,  
22) }
```

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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