

Converting Colors

YIQ(130.2020, -53.9020,
-91.4540)

Have a look what the booklet for
YIQ(130.2020, -53.9020, -91.4540)
contains.

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Color

**YIQ(130.2020, -53.9020,
-91.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	16CC22
RGB	22, 204, 34
RGB Percent	9%, 80%, 13%
CMY	0.9143, 0.1997, 0.8667
CMYK	0.89, 0.00, 0.83, 0.20
HSL	124°, 81%, 44%
HSV	124°, 89%, 80%
XYZ	22.2272, 43.5063, 8.7378
YIQ	130.2020, -53.9020, -91.4540

Conversions

Conversions Part 2

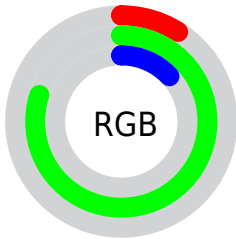
Format	Color
RYB	22, 193, 204
Decimal	1494050
CIELab	71.90, -70.82, 65.28
CIELCh	72, 96.316, 137.331
Yxy	43.5063, 0.2985, 0.5842
Android (android.graphics.Color)	4279684130 (0xFF16CC22)
YUV	130.2020, -47.4276, -94.8932
Hunter-Lab	65.9593, -55.2771, 38.3172

Details

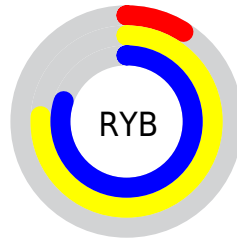
The YIQ color **130.2020, -53.9020, -91.4540** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **95.7980, 53.9020, 91.4540**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.1060, -35.6560, -80.7120**, and **86.8760, -40.7000, -77.4040** is the 20% darker color. If you saturate the color by 10%, you get **121.7570, -60.3190, -101.8150**, and if you desaturate by 10%, it is **138.3480, -48.0810, -81.3050**.

Distribution



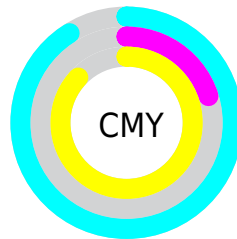
- Red (9%)
- Green (80%)
- Blue (13%)



- Red (9%)
- Yellow (76%)
- Blue (80%)



- Cyan (89%)
- Magenta (0%)
- Yellow (83%)
- Black (20%)



- Cyan (91%)
- Magenta (20%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2020, -53.9020, -91.4540 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 130.2020, -53.9020, -91.4540 by changing the saturation by 10% instead.

■ 130.2020,
-53.9020, -91.4540

■ 130.2020,
-53.9020, -91.4540

■ 255.0000, -0.0000,
-0.0000

■ 103.3120,
-48.4000, -92.0480

■ 193.1060,
-35.6560, -80.7120

■ 86.8760, -40.7000,
-77.4040

■ 206.1650,
-24.9760, -65.0080

■ 71.0270, -33.2750,
-63.2830

■ 218.6260,
-15.4880, -49.7280

■ 55.7650, -26.1250,
-49.6850

■ 231.2010, -6.3210,
-34.1370

■ 40.5030, -18.9750,
-36.0870

■ 243.7760, 2.8460,
-18.5460

■ 26.4150, -12.3750,
-23.5350

■ 253.0620, 5.4570,

■ 7.6310, -3.5750,

-5.2870

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 130.2020,
-53.9020, -91.4540

■ 130.2020,
-53.9020, -91.4540

■ 121.7570,
-60.3190, -101.8150

■ 138.3480,
-48.0810, -81.3050


■ 121.3440,
-60.5940, -102.3380


■ 146.7930,
-41.6640, -70.9440

■ 154.9390,
-35.8430, -60.7950


■ 163.0850,
-30.0220, -50.6460

■ 171.5300,
-23.6050, -40.2850

 179.6760,
-17.7840, -30.1360

 188.1210,
-11.3670, -19.7750

 196.2670, -5.5460,
-9.6260

 204.7120, 0.8710,
0.7350

Harmonies

Analogous

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



159.6910, 46.6400, -63.3440



130.2020, -53.9020, -91.4540



139.7200, -101.3140, -69.2020

Triad

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



130.2020, -53.9020, -91.4540



145.2960, -136.3050, -24.2490



130.9810, 91.5500, 58.9260

Complementary

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



130.2020, -53.9020, -91.4540



95.7980, 53.9020, 91.4540

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.



143.8340, 62.2480, 83.3680



130.2020, -53.9020, -91.4540



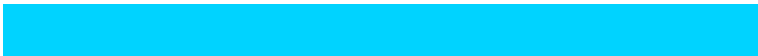
139.6350, -105.6820, -1.0260

Square

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



130.2020, -53.9020, -91.4540



152.9270, -139.8800, -31.0480



174.5040, 27.4060, 65.0220



149.2390, 106.2770, 6.7650

Rectangle

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



130.2020, -53.9020, -91.4540



147.9620, -121.7660, -50.9660



174.5040, 27.4060, 65.0220



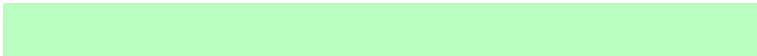
129.5910, 84.4410, 72.1290

Sweetspot

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



130.2020, -53.9020, -91.4540



227.0730, -20.5800, -34.5320



180.5610, 53.0580, -58.5100



111.2950, -11.9170, -20.8210



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.



130.2020, -53.9020, -91.4540



151.6230, -75.5820, -128.0780



140.2340, -82.1500, -64.0860



97.8700, -2.7500, -5.2300



98.6960, -49.1810, -83.3970



22.6480, -11.4130, -18.9410

Inverse Universe

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



95.7980, 53.9020, 91.4540



103.3770, 75.5820, 128.0780



85.7660, 82.1500, 64.0860



96.0160, 3.0710, 4.9190



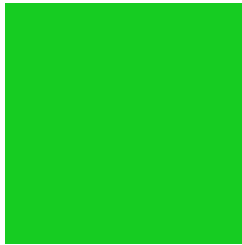
67.3040, 49.1810, 83.3970



15.4660, 11.0920, 19.2520

Previews

White Background



This preview shows how the YIQ color 130.2020, -53.9020, -91.4540 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



This preview shows how the YIQ color 130.2020, -53.9020, -91.4540 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 ✓ Pass

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

YIQ 130.2020, -53.9020, -91.4540 Background



This preview shows how black text looks on a background with the YIQ color 130.2020, -53.9020, -91.4540.



This preview shows how white text looks on a background with the YIQ color 130.2020, -53.9020, -91.4540.

-91.4540.

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

130.2020, -53.9020, -91.4540

Protanopia

164.5920, 60.9410, -41.6750

Deuteranopia

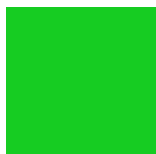
169.1930, 67.2190, -23.2850



Tritanopia

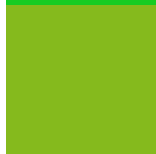
160.9130, -66.2030, -17.1710

Trichromacy



Original Color

130.2020, -53.9020, -91.4540



Protanomaly

152.2550, 18.8090, -60.0630



Deuteranomaly

154.9710, 23.0250, -48.3590



Tritanomaly

149.6040, -61.9800, -44.1560

Monochromacy



Original Color

130.2020, -53.9020, -91.4540



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.1980, -19.4340, -33.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2020, -53.9020, -91.4540 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(22, 204, 34)` looks like.

```
.text, #text, p{  
    color:rgb(22, 204, 34)  
}
```

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(22, 204, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 204, 34) }
```

Border

The CSS property to change the border of an element to YIQ 130.2020, -53.9020, -91.4540 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(22, 204, 34) }
```


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

```
.border{ border-color:rgb(22, 204, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 204, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 204, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 204, 34);  
box-shadow:4px 4px 4px 4px rgb(22, 204,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2020, -53.9020, -91.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 204, 34) }
```

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

```
.background{ background-color: rgb(22, 204,  
34) }
```

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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