

Converting Colors

YIQ(191.7390, -41.5720,
-72.6120)

Have a look what the booklet for
YIQ(191.7390, -41.5720, -72.6120)
contains.

YIQ(191.7390, -41.5720, -72.6120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(191.7390, -41.5720,
-72.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	6BFA72
RGB	107, 250, 114
RGB Percent	42%, 98%, 45%
CMY	0.5808, 0.0194, 0.5530
CMYK	0.57, 0.00, 0.54, 0.02
HSL	123°, 94%, 70%
HSV	123°, 57%, 98%
XYZ	43.2910, 72.7420, 27.6740
YIQ	191.7390, -41.5720, -72.6120

Conversions

Conversions Part 2

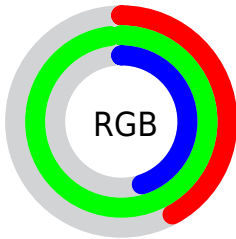
Format	Color
RYB	107, 243, 250
Decimal	7076466
CIELab	88.32, -64.97, 53.18
CIELCh	88, 83.964, 140.699
Yxy	72.7420, 0.3012, 0.5062
Android (android.graphics.Color)	4285266546 (0xFF6BFA72)
YUV	191.7390, -38.3253, -74.3161
Hunter-Lab	85.2889, -58.6526, 40.4642

Details

The YIQ color **191.7390, -41.5720, -72.6120** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **165.2610, 41.5720, 72.6120**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4820, -23.6500, -44.9780**, and **127.9160, -55.3720, -75.8200** is the 20% darker color. If you saturate the color by 10%, you get **181.5280, -48.7680, -85.3760**, and if you desaturate by 10%, it is **201.9500, -34.3760, -59.8480**.

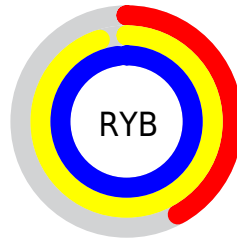
Distribution



Red (42%)

Green (98%)

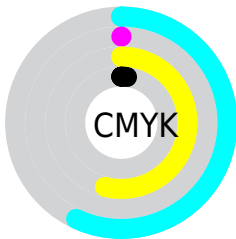
Blue (45%)



Red (42%)

Yellow (95%)

Blue (98%)

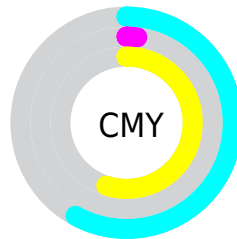


Cyan (57%)

Magenta (0%)

Yellow (54%)

Black (2%)



Cyan (58%)

Magenta (2%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.7390, -41.5720, -72.6120 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 191.7390, -41.5720, -72.6120 by changing the saturation by 10% instead.

■ 191.7390,
-41.5720, -72.6120

■ 191.7390,
-41.5720, -72.6120

■ 255.0000, -0.0000,
-0.0000

■ 161.4720,
-45.1940, -73.0500

■ 219.4820,
-23.6500, -44.9780

■ 127.9160,
-55.3720, -75.8200

■ 231.6440,
-14.7580, -29.9100

■ 99.8020, -55.0510,
-76.1310

■ 244.2190, -5.5910,
-14.3190

■ 80.4190, -37.6750,
-71.6510

■ 64.5700, -30.2500,
-57.5300

■ 49.8950, -23.3750,
-44.4550

■ 35.2200, -16.5000,

-31.3800

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 191.7390,
-41.5720, -72.6120

■ 191.7390,
-41.5720, -72.6120

■ 181.5280,
-48.7680, -85.3760

■ 201.9500,
-34.3760, -59.8480

■ 171.3170,
-55.9640, -98.1400


■ 212.1610,
-27.1800, -47.0840

■ 161.2200,
-63.4810, -110.5930


■ 222.2580,
-19.6630, -34.6310

■ 151.0090,
-70.6770, -123.3570

■ 232.4690,
-12.4670, -21.8670

 148.1180,
-72.6020, -127.0180

 242.6800, -5.2710,
-9.1030

 252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



205.6630, 43.8430, -62.2130



191.7390, -41.5720, -72.6120



171.6870, -132.0780, -73.3420

Triad

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



191.7390, -41.5720, -72.6120



168.7760, -147.3050, -45.1690



182.5010, 56.7100, 29.5260

Complementary

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



191.7390, -41.5720, -72.6120



165.2610, 41.5720, 72.6120

Split Complementary

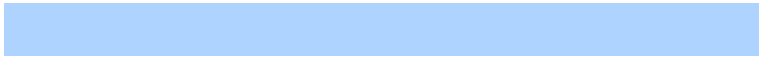
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



191.0340, 31.3050, 54.9290



191.7390, -41.5720, -72.6120



204.9530, -36.1760, 5.8400

Square

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



191.7390, -41.5720, -72.6120



178.1680, -151.7050, -53.5370



208.6270, 21.7250, 41.3170



190.8430, 71.8010, -7.1990

Rectangle

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



191.7390, -41.5720, -72.6120



178.0710, -150.0540, -55.9260



208.6270, 21.7250, 41.3170



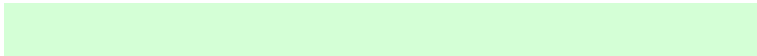
183.1170, 49.4640, 39.7040

Sweetspot

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



191.7390, -41.5720, -72.6120



237.4690, -12.4670, -21.8670



232.2030, 42.9230, -45.5330



117.3760, -7.4710, -13.2870



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.



191.7390, -41.5720, -72.6120



183.3380, -51.2890, -89.2490



199.6050, -63.7210, -51.1530



119.7450, -3.8960, -6.4880



111.9690, -54.8640, -96.0480



36.1490, -17.7380, -30.9700

Inverse Universe

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



165.2610, 41.5720, 72.6120



150.6620, 51.2890, 89.2490



157.3950, 63.7210, 51.1530



117.2550, 3.8960, 6.4880



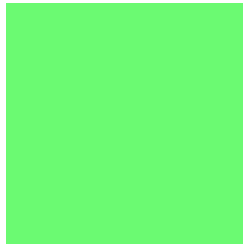
76.9170, 55.1850, 95.7370



24.8510, 17.7380, 30.9700

Previews

White Background



This preview shows how the YIQ color 191.7390, -41.5720, -72.6120 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 191.7390, -41.5720, -72.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

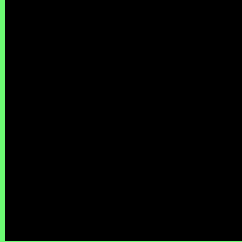
Any Text WCAG AA ✓ Pass

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 191.7390, -41.5720, -72.6120 Background



This preview shows how black text looks on a background with the YIQ color 191.7390, -41.5720, -72.6120.



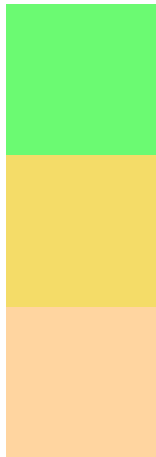
This preview shows how white text looks on a background with the YIQ color 191.7390, -41.5720, -72.6120.

-72.6120.

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

191.7390, -41.5720, -72.6120

Protanopia

213.9520, 51.5400, -30.9880

Deuteranopia

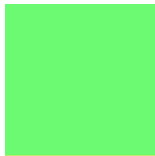
219.5160, 42.0450, -7.5790



Tritanopia

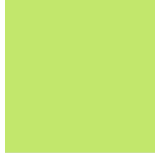
208.7610, -62.7190, -14.2310

Trichromacy



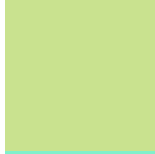
Original Color

191.7390, -41.5720, -72.6120



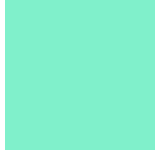
Protanomaly

205.9150, 17.4310, -46.0970



Deuteranomaly

209.0630, 11.7430, -31.1130



Tritanomaly

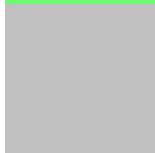
202.2940, -54.8750, -35.2510

Monochromacy



Original Color

191.7390, -41.5720, -72.6120



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

191.8660, -15.2630, -26.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.7390, -41.5720, -72.6120 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(107, 250, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 250, 114)  
}
```

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(107, 250, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 250, 114) }
```

Border

The CSS property to change the border of an element to YIQ 191.7390, -41.5720, -72.6120 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(107, 250, 114) }
```


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

```
.border{ border-color:rgb(107, 250, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 250, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 250, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 250, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 250,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 191.7390, -41.5720, -72.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 250, 114) }
```

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

```
.background{ background-color: rgb(107,  
250, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor