

Converting Colors

YIQ(192.2970, -52.0710,
-75.0710)

Have a look what the booklet for
YIQ(192.2970, -52.0710, -75.0710)
contains.

YIQ(192.2970, -52.0710, -75.0710)	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(192.2970, -52.0710,
-75.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	60FF7A
RGB	96, 255, 122
RGB Percent	38%, 100%, 48%
CMY	0.6240, 0.0000, 0.5217
CMYK	0.62, 0.00, 0.52, 0.00
HSL	130°, 100%, 69%
HSV	130°, 62%, 100%
XYZ	44.0827, 75.4049, 30.6350
YIQ	192.2970, -52.0710, -75.0710

Conversions

Conversions Part 2

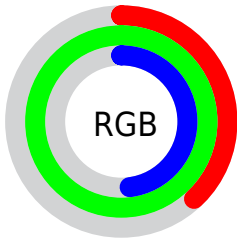
Format	Color
RYB	96, 233, 255
Decimal	6356858
CIELab	89.58, -68.06, 50.98
CIELCh	90, 85.042, 143.164
Yxy	75.4049, 0.2936, 0.5023
Android (android.graphics.Color)	4284546938 (0xFF60FF7A)
YUV	192.2970, -34.6564, -84.4525
Hunter-Lab	86.8360, -61.3466, 39.8682

Details

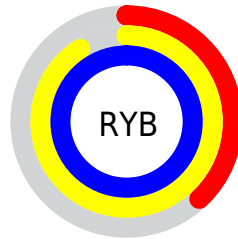
The YIQ color **192.2970, -52.0710, -75.0710** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **158.7030, 52.0710, 75.0710**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.7030, -31.5820, -44.3980**, and **123.5050, -76.3240, -81.5720** is the 20% darker color. If you saturate the color by 10%, you get **182.1290, -60.8260, -87.1140**, and if you desaturate by 10%, it is **202.1660, -43.9120, -63.2400**.

Distribution



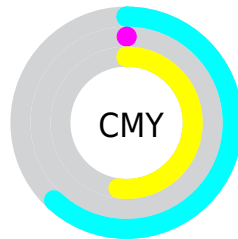
- Red (38%)
- Green (100%)
- Blue (48%)



- Red (38%)
- Yellow (91%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.2970, -52.0710, -75.0710 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 192.2970, -52.0710, -75.0710 by changing the saturation by 10% instead.

■ 192.2970,
-52.0710, -75.0710

■ 192.2970,
-52.0710, -75.0710

■ 255.0000, -0.0000,
-0.0000

■ 160.8340,
-58.0770, -76.3570

■ 217.7030,
-31.5820, -44.3980

■ 123.5050,
-76.3240, -81.5720

■ 230.1640,
-22.0940, -29.1180

■ 103.8770,
-59.6360, -75.6360

■ 242.7390,
-12.9270, -13.5270

■ 83.4510, -40.7010,
-71.8770

■ 254.4020, -1.1920,
-0.4240

■ 66.9180, -31.3500,
-59.6220

■ 51.6560, -24.2000,
-46.0240

■ 36.9810, -17.3250,

-32.9490

■ 22.8930, -10.7250,
-20.3970

■ 0.0000, 0.0000,
0.0000

■ 192.2970,
-52.0710, -75.0710

■ 192.2970,
-52.0710, -75.0710

■ 182.1290,
-60.8260, -87.1140

■ 202.1660,
-43.9120, -63.2400

■ 172.1460,
-68.6640, -99.2560

■ 212.4480,
-35.4780, -50.8860

■ 161.9780,
-77.4190, -111.2990

■ 222.3170,
-27.3190, -39.0550

■ 154.4730,
-83.6070, -120.3030

■ 232.4850,
-18.5640, -27.0120

■ 242.4680,
-10.7260, -14.8700

■ 252.6360, -1.9710,
-2.8270

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



208.5590, 38.2040, -64.6440



192.2970, -52.0710, -75.0710



172.8270, -135.2880, -70.2320

Triad

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



192.2970, -52.0710, -75.0710



169.9500, -147.8550, -46.2150



184.3930, 56.8940, 26.1900

Complementary

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



192.2970, -52.0710, -75.0710



158.7030, 52.0710, 75.0710

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.



191.2790, 31.9930, 53.4730



192.2970, -52.0710, -75.0710



210.6230, -26.3190, 8.9210

Square

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



192.2970, -52.0710, -75.0710



178.7550, -151.9800, -54.0600



208.0400, 22.0000, 41.8400



193.9090, 71.4350, -11.5810

Rectangle

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



192.2970, -52.0710, -75.0710



178.7550, -151.9800, -54.0600



208.0400, 22.0000, 41.8400



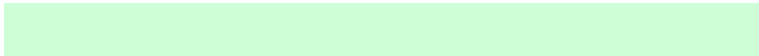
184.5360, 49.6020, 37.2020

Sweetspot

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



192.2970, -52.0710, -75.0710



235.9740, -15.4470, -22.9270



229.6980, 36.7350, -54.5370



116.1800, -9.8550, -14.1350



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.



192.2970, -52.0710, -75.0710



179.6510, -62.4760, -90.2520



201.0750, -76.7880, -51.1240



122.8590, -4.2170, -6.1770



115.6510, -62.4760, -90.2520



38.7080, -20.8100, -30.3620

Inverse Universe

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



158.7030, 52.0710, 75.0710



139.3490, 62.4760, 90.2520



149.9250, 76.7880, 51.1240



120.0270, 4.5380, 5.8660



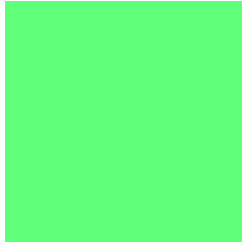
75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 192.2970, -52.0710, -75.0710 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 192.2970, -52.0710, -75.0710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

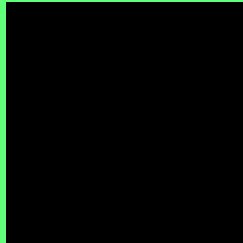
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

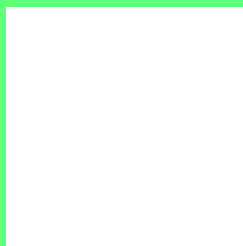
Any Text WCAG AAA ✓ Pass

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

YIQ 192.2970, -52.0710, -75.0710 Background



This preview shows how black text looks on a background with the YIQ color 192.2970, -52.0710, -75.0710.



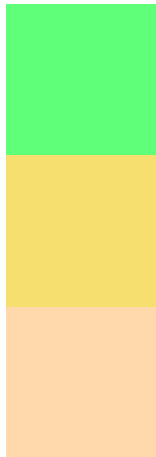
This preview shows how white text looks on a background with the YIQ color 192.2970, -52.0710, -75.0710.

-75.0710.

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

192.2970, -52.0710, -75.0710

Protanopia

217.4080, 50.2560, -29.7440

Deuteranopia

223.2320, 37.0930, -5.9390



Tritanopia

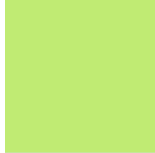
213.3270, -58.5010, -13.5810

Trichromacy



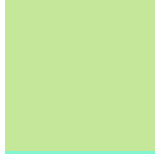
Original Color

192.2970, -52.0710, -75.0710



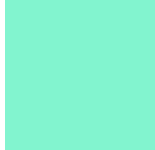
Protanomaly

208.4630, 12.8920, -46.4360



Deuteranomaly

212.0560, 4.4530, -31.1550



Tritanomaly

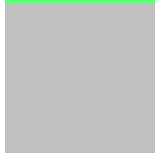
205.6960, -56.0670, -35.6750

Monochromacy



Original Color

192.2970, -52.0710, -75.0710



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

192.1860, -19.1600, -27.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.2970, -52.0710, -75.0710 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(96, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(96, 255, 122)  
}
```

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(96, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 255, 122) }
```

Border

The CSS property to change the border of an element to YIQ 192.2970, -52.0710, -75.0710 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(96, 255, 122) }
```


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

```
.border{ border-color:rgb(96, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(96, 255,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 192.2970, -52.0710, -75.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 255, 122) }
```

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

```
.background{ background-color: rgb(96, 255,  
122) }
```

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