

Converting Colors

YIQ(190.4220, -76.1470,
-46.2190)

Have a look what the booklet for
YIQ(190.4220, -76.1470, -46.2190)
contains.

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Color

**YIQ(190.4220, -76.1470,
-46.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	59F1C4
RGB	89, 241, 196
RGB Percent	35%, 95%, 77%
CMY	0.6513, 0.0546, 0.2316
CMYK	0.63, 0.00, 0.19, 0.05
HSL	162°, 85%, 65%
HSV	162°, 63%, 95%
XYZ	45.5405, 69.0497, 63.1116
YIQ	190.4220, -76.1470, -46.2190

Conversions

Conversions Part 2

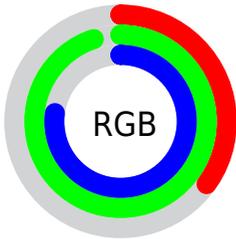
Format	Color
RYB	89, 178, 241
Decimal	5894596
CIELab	86.53, -50.68, 10.02
CIELCh	87, 51.663, 168.819
Yxy	69.0497, 0.2563, 0.3886
Android (android.graphics.Color)	4284084676 (0xFF59F1C4)
YUV	190.4220, 2.7500, -88.9471
Hunter-Lab	83.0962, -47.5921, 13.1365

Details

The YIQ color **190.4220, -76.1470, -46.2190** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **139.5780, 76.1470, 46.2190**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.2740, -60.1500, -22.2460**, and **124.1960, -96.1820, -52.0700** is the 20% darker color. If you saturate the color by 10%, you get **182.4480, -88.2040, -53.4840**, and if you desaturate by 10%, it is **198.3960, -64.0900, -38.9540**.

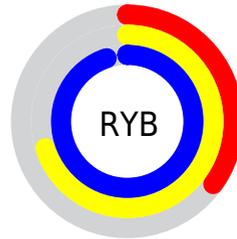
Distribution



Red (35%)

Green (95%)

Blue (77%)



Red (35%)

Yellow (70%)

Blue (95%)

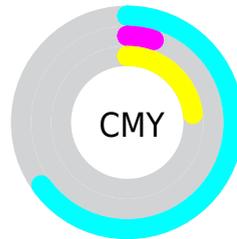


Cyan (63%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (65%)

Magenta (5%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.4220, -76.1470, -46.2190 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 190.4220, -76.1470, -46.2190 by changing the saturation by 10% instead.

■ 190.4220,
-76.1470, -46.2190

■ 190.4220,
-76.1470, -46.2190

■ 255.0000, -0.0000,
-0.0000

■ 158.9590,
-82.1530, -47.5050

■ 224.2740,
-60.1500, -22.2460

■ 124.1960,
-96.1820, -52.0700

■ 233.4720,
-42.9120, -15.2640

■ 104.9100,
-80.4570, -45.2010

■ 242.7410,
-24.4360, -8.6920

■ 86.7980, -65.2820,
-39.3780

■ 252.0100, -5.9600,
-2.1200

■ 68.8000, -50.4280,
-33.2440

■ 51.0300, -36.2160,
-26.4880

■ 34.5480, -22.8750,

-20.4670

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 190.4220,
-76.1470, -46.2190

■ 190.4220,
-76.1470, -46.2190

■ 182.4480,
-88.2040, -53.4840

■ 198.3960,
-64.0900, -38.9540

■ 174.4740,
-100.2610, -60.7490

■ 206.3700,
-52.0330, -31.6890

■ 166.3860,
-111.9970, -68.3250

■ 214.3440,
-39.9760, -24.4240

■ 160.8470,
-120.8450, -73.1730

■ 222.4320,
-28.2400, -16.8480

 230.4060,
-16.1830, -9.5830

 238.6790, -3.5300,
-2.1060

 245.7560, 6.7390,
4.5230

 246.5540, 4.4920,
6.7000

 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



203.1840, -16.8190, -42.1230



190.4220, -76.1470, -46.2190



170.2120, -145.8370, -49.7490

Triad

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



190.4220, -76.1470, -46.2190



210.6340, -24.8520, 9.8680



204.3050, 53.1850, -0.2150

Complementary

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



190.4220, -76.1470, -46.2190



139.5780, 76.1470, 46.2190

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.



202.0490, 43.0030, 19.1230



190.4220, -76.1470, -46.2190



218.0190, 17.3250, 32.9490

Square

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



190.4220, -76.1470, -46.2190



191.9200, -85.2760, -18.4280



208.3360, 26.6780, 34.1500



211.4340, 56.5350, -16.8810

Rectangle

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



190.4220, -76.1470, -46.2190



169.9500, -147.8550, -46.2150



208.3360, 26.6780, 34.1500



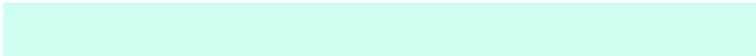
202.8520, 50.3870, 6.4430

Sweetspot

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



190.4220, -76.1470, -46.2190



239.0520, -24.1140, -14.5300



191.9780, -14.3840, -69.7440



118.0040, -14.9910, -9.1590



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.



190.4220, -76.1470, -46.2190



190.4960, -97.3270, -58.8550



177.9420, -82.3420, -16.5340



115.9560, -5.8680, -3.7880



122.7140, -92.0090, -56.1130



37.3180, -27.9190, -17.1590

Inverse Universe

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



139.5780, 76.1470, 46.2190



125.6180, 97.0060, 59.1660



152.0580, 82.3420, 16.5340



111.9300, 6.1890, 3.4770



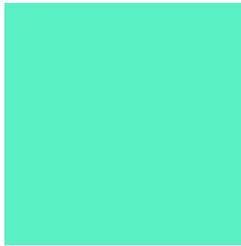
61.1720, 92.3300, 55.8020



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 190.4220, -76.1470, -46.2190 looks on a white background.

Color Contrast Check

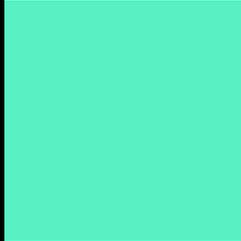
Large Text (above 18pt) WCAG AA × Fail

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 190.4220, -76.1470, -46.2190 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

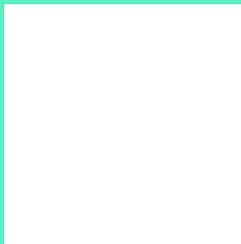
Any Text WCAG AAA ✓ Pass

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

YIQ 190.4220, -76.1470, -46.2190 Background



This preview shows how black text looks on a background with the YIQ color 190.4220, -76.1470, -46.2190.



This preview shows how white text looks on a background with the YIQ color 190.4220, -76.1470, -46.2190.

-46.2190.

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

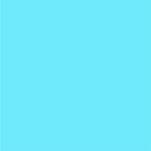
190.4220, -76.1470, -46.2190

Protanopia

213.9400, 17.4240, -7.4080

Deuteranopia

216.4110, 20.9520, 5.7520



Tritanopia

198.6880, -78.8110, -19.9550

Trichromacy



Original Color

190.4220, -76.1470, -46.2190



Protanomaly

205.4300, -16.7310, -21.6830



Deuteranomaly

206.6680, -14.1650, -13.1170



Tritanomaly

195.7770, -77.9840, -29.4400

Monochromacy



Original Color

190.4220, -76.1470, -46.2190



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.3180, -27.9190, -17.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.4220, -76.1470, -46.2190 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(89, 241, 196)` looks like.

```
.text, #text, p{  
    color:rgb(89, 241, 196)  
}
```

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(89, 241, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 241, 196) }
```

Border

The CSS property to change the border of an element to YIQ 190.4220, -76.1470, -46.2190 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(89, 241, 196) }
```

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

```
.border{ border-color:rgb(89, 241, 196) }
```

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

Here you see how a box with a 4 pixel rgb(89, 241, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 241, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 241, 196);  
box-shadow:4px 4px 4px 4px rgb(89, 241,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 190.4220, -76.1470, -46.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 241, 196) }
```

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

```
.background{ background-color: rgb(89, 241,  
196) }
```

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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