

Converting Colors

YIQ(193.0200, -74.9550,
-45.7950)

Have a look what the booklet for
YIQ(193.0200, -74.9550, -45.7950)
contains.

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Color

**YIQ(193.0200, -74.9550,
-45.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	5DF3C6
RGB	93, 243, 198
RGB Percent	36%, 95%, 78%
CMY	0.6357, 0.0468, 0.2238
CMYK	0.62, 0.00, 0.19, 0.05
HSL	162°, 86%, 66%
HSV	162°, 62%, 95%
XYZ	46.7590, 70.5350, 64.5358
YIQ	193.0200, -74.9550, -45.7950

Conversions

Conversions Part 2

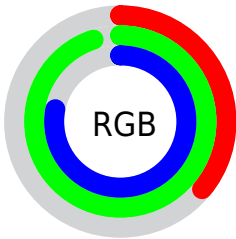
Format	Color
R_{YB}	93, 181, 243
Decimal	6157254
CIE _{Lab}	87.26, -50.37, 10.03
CIE _{LCh}	87, 51.359, 168.736
Yxy	70.5350, 0.2572, 0.3879
Android (android.graphics.Color)	4284347334 (0xFF5DF3C6)
YUV	193.0200, 2.4551, -87.7175
Hunter-Lab	83.9851, -47.5935, 13.2300

Details

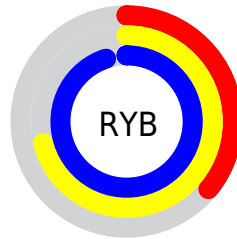
The YIQ color **193.0200, -74.9550, -45.7950** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **142.9800, 74.9550, 45.7950**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3990, -59.0040, -20.9880**, and **125.5980, -97.3740, -52.4940** is the 20% darker color. If you saturate the color by 10%, you get **185.0460, -87.0120, -53.0600**, and if you desaturate by 10%, it is **200.9940, -62.8980, -38.5300**.

Distribution



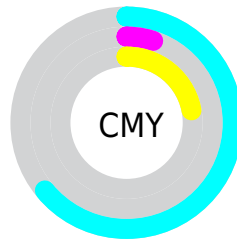
- Red (36%)
- Green (95%)
- Blue (78%)



- Red (36%)
- Yellow (71%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0200, -74.9550, -45.7950 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 193.0200, -74.9550, -45.7950 by changing the saturation by 10% instead.

■ 193.0200,
-74.9550, -45.7950

■ 193.0200,
-74.9550, -45.7950

■ 255.0000, -0.0000,
-0.0000

■ 161.8560,
-80.3650, -46.8690

■ 225.3990,
-59.0040, -20.9880

■ 125.5980,
-97.3740, -52.4940

■ 234.6680,
-40.5280, -14.4160

■ 106.1980,
-81.3280, -45.9360

■ 243.6380,
-22.6480, -8.0560

■ 87.6130, -66.1990,
-39.2790

■ 252.9070, -4.1720,
-1.4840

■ 69.6150, -51.3450,
-33.1450

■ 52.4320, -37.4080,
-26.9120

■ 35.9500, -24.0670,

-20.8910

■ 19.4850, -9.3960,
-16.9480

■ 0.0000, 0.0000,
0.0000

■ 193.0200,
-74.9550, -45.7950

■ 193.0200,
-74.9550, -45.7950

■ 185.0460,
-87.0120, -53.0600

■ 200.9940,
-62.8980, -38.5300

■ 176.6590,
-99.3440, -60.8480

■ 209.3810,
-50.5660, -30.7420

■ 168.6850,
-111.4010, -68.1130

■ 217.3550,
-38.5090, -23.4770

■ 162.0210,
-121.3950, -74.2190

■ 225.3290,
-26.4520, -16.2120

233.3030,
-14.3950, -8.9470

241.6900, -2.0630,
-1.1590

247.2720, 5.2260,
4.4100

247.9560, 3.3000,
6.2760

Harmonies

Analogous

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



205.1840, -16.8190, -42.1230



193.0200, -74.9550, -45.7950



171.5000, -146.7080, -50.4840

Triad

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



193.0200, -74.9550, -45.7950



212.4060, -24.2100, 9.2460



205.7070, 51.9930, -0.6390

Complementary

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



193.0200, -74.9550, -45.7950



142.9800, 74.9550, 45.7950

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.



204.1520, 41.2150, 18.4870



193.0200, -74.9550, -45.7950



219.7800, 16.5000, 31.3800

Square

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



193.0200, -74.9550, -45.7950



194.2900, -83.4420, -18.6260



209.7380, 25.4860, 33.7260



212.8360, 55.3430, -17.3050

Rectangle

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



193.0200, -74.9550, -45.7950



171.1240, -148.4050, -47.2610



209.7380, 25.4860, 33.7260



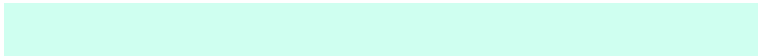
204.2540, 49.1950, 6.0190

Sweetspot

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



193.0200, -74.9550, -45.7950



238.9380, -23.7930, -14.8410



195.1030, -13.2380, -68.4860



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.



193.0200, -74.9550, -45.7950



191.9910, -94.3470, -57.7950



182.3010, -81.9750, -17.6790



118.0700, -6.1890, -3.4770



124.0020, -92.8800, -56.8480



39.3070, -29.3860, -18.1060

Inverse Universe

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



142.9800, 74.9550, 45.7950



129.0090, 94.3470, 57.7950



153.6990, 81.9750, 17.6790



114.0440, 5.8680, 3.7880



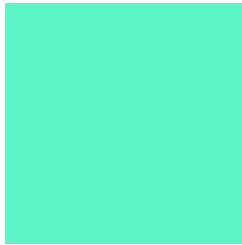
61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 193.0200, -74.9550, -45.7950 looks on a white background.

Color Contrast Check

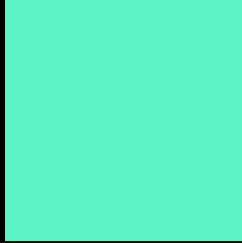
Large Text (above 18pt) WCAG AA × Fail

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 193.0200, -74.9550, -45.7950 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 193.0200, -74.9550, -45.7950 Background



This preview shows how black text looks on a background with the YIQ color 193.0200, -74.9550, -45.7950.



This preview shows how white text looks on a background with the YIQ color 193.0200, -74.9550, -45.7950.

-45.7950.

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

193.0200, -74.9550, -45.7950

Protanopia

215.9400, 17.4240, -7.4080

Deuteranopia

218.4110, 20.9520, 5.7520



Tritanopia

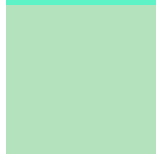
200.9870, -78.2150, -19.7430

Trichromacy



Original Color

193.0200, -74.9550, -45.7950



Protanomaly

207.7290, -16.1350, -21.4710



Deuteranomaly

208.9670, -13.5690, -12.9050



Tritanomaly

198.0760, -77.3880, -29.2280

Monochromacy



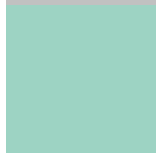
Original Color

193.0200, -74.9550, -45.7950



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.0300, -27.0480, -16.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0200, -74.9550, -45.7950 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(93, 243, 198)` looks like.

```
.text, #text, p{  
    color:rgb(93, 243, 198)  
}
```

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(93, 243, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 243, 198) }
```

Border

The CSS property to change the border of an element to YIQ 193.0200, -74.9550, -45.7950 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(93, 243, 198) }
```


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

```
.border{ border-color:rgb(93, 243, 198) }
```

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

Here you see how a box with a 4 pixel rgb(93, 243, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 243, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 243, 198);  
box-shadow:4px 4px 4px 4px rgb(93, 243,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0200, -74.9550, -45.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 243, 198) }
```

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

```
.background{ background-color: rgb(93, 243,  
198) }
```

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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