

Converting Colors

YIQ(193.2470, -83.0240,
-48.2400)

Have a look what the booklet for
YIQ(193.2470, -83.0240, -48.2400)
contains.

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Color

**YIQ(193.2470, -83.0240,
-48.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	54F7CB
RGB	84, 247, 203
RGB Percent	33%, 97%, 80%
CMY	0.6710, 0.0311, 0.2042
CMYK	0.66, 0.00, 0.18, 0.03
HSL	164°, 91%, 65%
HSV	164°, 66%, 97%
XYZ	47.6989, 72.7515, 67.9813
YIQ	193.2470, -83.0240, -48.2400

Conversions

Conversions Part 2

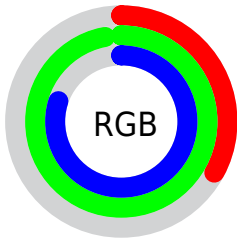
Format	Color
R _{YB}	84, 178, 247
Decimal	5568459
CIE _{Lab}	88.33, -52.36, 8.94
CIE _{LCh}	88, 53.114, 170.311
Y _{xy}	72.7515, 0.2531, 0.3861
Android (android.graphics.Color)	4283758539 (0xFF54F7CB)
YUV	193.2470, 4.8082, -95.8096
Hunter-Lab	85.2945, -49.4436, 12.4509

Details

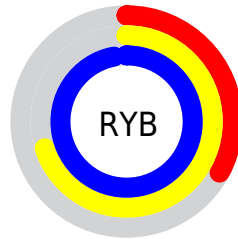
The YIQ color **193.2470, -83.0240, -48.2400** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **137.7530, 83.0240, 48.2400**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.6050, -62.5800, -22.2600**, and **128.5160, -100.0790, -53.0310** is the 20% darker color. If you saturate the color by 10%, you get **184.9740, -95.6770, -55.7170**, and if you desaturate by 10%, it is **201.5200, -70.3710, -40.7630**.

Distribution



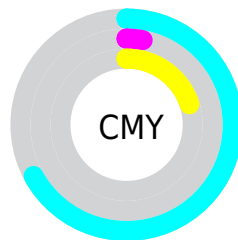
- Red (33%)
- Green (97%)
- Blue (80%)



- Red (33%)
- Yellow (70%)
- Blue (97%)



- Cyan (66%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (67%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.2470, -83.0240, -48.2400 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 193.2470, -83.0240, -48.2400 by changing the saturation by 10% instead.

■ 193.2470,
-83.0240, -48.2400

■ 193.2470,
-83.0240, -48.2400

■ 255.0000, -0.0000,
-0.0000

■ 160.2890,
-92.0100, -50.5860

■ 223.6050,
-62.5800, -22.2600

■ 128.5160,
-100.0790, -53.0310

■ 232.8740,
-44.1040, -15.6880

■ 109.1160,
-84.0330, -46.4730

■ 242.1430,
-25.6280, -9.1160

■ 90.4170, -68.5830,
-40.1270

■ 251.4120, -7.1520,
-2.5440

■ 72.4190, -53.7290,
-33.9930

■ 54.6490, -39.5170,
-27.2370

■ 38.0530, -25.8550,

-21.5270

■ 21.9300, -12.1470,
-16.6510

■ 0.0000, 0.0000,
0.0000

■ 193.2470,
-83.0240, -48.2400

■ 193.2470,
-83.0240, -48.2400

■ 184.9740,
-95.6770, -55.7170

■ 201.5200,
-70.3710, -40.7630

■ 176.8150,
-108.6510, -62.8830

■ 209.3800,
-57.9930, -33.8090

■ 168.8410,
-120.7080, -70.1480

■ 217.6530,
-45.3400, -26.3320

■ 165.5090,
-125.7050, -73.2010

■ 225.9260,
-32.6870, -18.8550

■ 233.7860,
-20.3090, -11.9010

■ 242.0590, -7.6560,
-4.4240

■ 249.7340, 3.8050,
2.6290

■ 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



207.2760, -20.0740, -43.7060



193.2470, -83.0240, -48.2400



174.6460, -150.0550, -50.3990

Triad

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



193.2470, -83.0240, -48.2400



215.3740, -21.1840, 9.4720



207.3540, 51.4890, -2.5190

Complementary

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



193.2470, -83.0240, -48.2400



137.7530, 83.0240, 48.2400

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.



204.6250, 41.2610, 17.6530



193.2470, -83.0240, -48.2400



220.3670, 16.2250, 30.8570

Square

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



193.2470, -83.0240, -48.2400



196.6490, -83.0750, -19.7710



210.4390, 24.8900, 33.5140



215.0700, 54.5640, -19.7080

Rectangle

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



193.2470, -83.0240, -48.2400



172.8850, -149.2300, -48.8300



210.4390, 24.8900, 33.5140



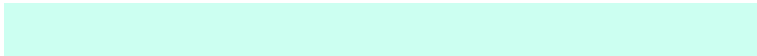
205.9010, 48.6910, 4.1390

Sweetspot

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



193.2470, -83.0240, -48.2400



238.1550, -25.9020, -15.1660



193.4350, -17.4090, -75.4970



117.7050, -15.5870, -9.3710



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.



193.2470, -83.0240, -48.2400



188.6310, -102.1410, -59.7170



177.7180, -87.5230, -16.2510



118.0700, -6.1890, -3.4770



124.6860, -94.8060, -54.9820



39.5350, -30.0280, -17.4840

Inverse Universe

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



137.7530, 83.0240, 48.2400



120.2550, 102.4620, 59.4060



153.2820, 87.5230, 16.2510



113.9300, 6.1890, 3.4770



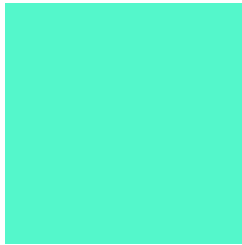
61.3140, 94.8060, 54.9820



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 193.2470, -83.0240, -48.2400 looks on a white background.

Color Contrast Check

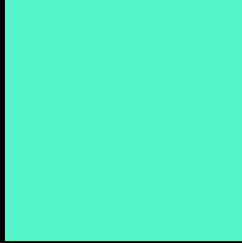
Large Text (above 18pt) WCAG AA × Fail

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 193.2470, -83.0240, -48.2400 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 193.2470, -83.0240, -48.2400 Background



This preview shows how black text looks on a background with the YIQ color 193.2470, -83.0240, -48.2400.



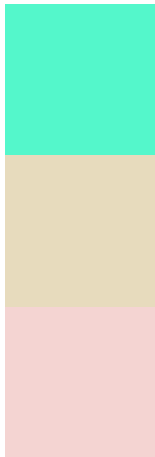
This preview shows how white text looks on a background with the YIQ color 193.2470, -83.0240, -48.2400.

-48.2400.

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

193.2470, -83.0240, -48.2400

Protanopia

219.1680, 16.7820, -6.7860

Deuteranopia

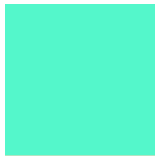
221.3400, 19.7140, 6.1620



Tritanopia

205.5640, -72.5300, -18.1460

Trichromacy



Original Color

193.2470, -83.0240, -48.2400



Protanomaly

209.7610, -19.1610, -21.6970



Deuteranomaly

211.2870, -17.4660, -13.8660



Tritanomaly

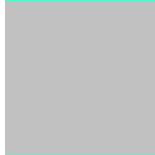
201.2610, -76.4710, -29.3270

Monochromacy



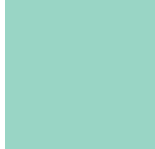
Original Color

193.2470, -83.0240, -48.2400



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.2360, -30.6240, -17.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.2470, -83.0240, -48.2400 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(84, 247, 203)` looks like.

```
.text, #text, p{  
    color:rgb(84, 247, 203)  
}
```

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(84, 247, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 247, 203) }
```

Border

The CSS property to change the border of an element to YIQ 193.2470, -83.0240, -48.2400 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(84, 247, 203) }
```


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

```
.border{ border-color:rgb(84, 247, 203) }
```

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

Here you see how a box with a 4 pixel rgb(84, 247, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 247, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 247, 203);  
box-shadow:4px 4px 4px 4px rgb(84, 247,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 193.2470, -83.0240, -48.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 247, 203) }
```

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

```
.background{ background-color: rgb(84, 247,  
203) }
```

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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