

Converting Colors

YIQ(191.5940, -46.8520,
-31.9720)

Have a look what the booklet for
YIQ(191.5940, -46.8520, -31.9720)
contains.

YIQ(191.5940, -46.8520, -31.9720)	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(191.5940, -46.8520,
-31.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE1BD
RGB	127, 225, 189
RGB Percent	50%, 88%, 74%
CMY	0.5022, 0.1175, 0.2590
CMYK	0.44, 0.00, 0.16, 0.12
HSL	158°, 62%, 69%
HSV	158°, 44%, 88%
XYZ	44.8599, 62.0520, 57.7341
YIQ	191.5940, -46.8520, -31.9720

Conversions

Conversions Part 2

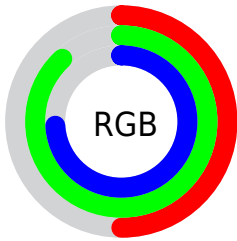
Format	Color
RYB	127, 187, 225
Decimal	8380861
CIELab	82.94, -37.18, 8.71
CIELCh	83, 38.184, 166.814
Yxy	62.0520, 0.2725, 0.3769
Android (android.graphics.Color)	4286570941 (0xFF7FE1BD)
YUV	191.5940, -1.2788, -56.6489
Hunter-Lab	78.7731, -36.2003, 11.6866

Details

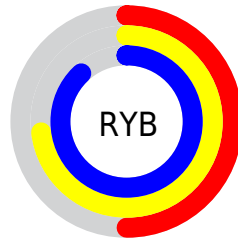
The YIQ color **191.5940, -46.8520, -31.9720** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **160.4060, 46.8520, 31.9720**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6310, -39.1060, -18.1620**, and **135.6370, -48.4110, -31.2510** is the 20% darker color. If you saturate the color by 10%, you get **183.8050, -57.9920, -39.3360**, and if you desaturate by 10%, it is **199.0840, -36.3080, -24.8200**.

Distribution



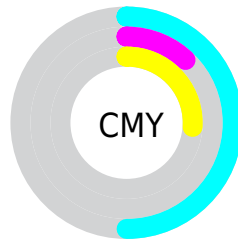
- Red (50%)
- Green (88%)
- Blue (74%)



- Red (50%)
- Yellow (73%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (50%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.5940, -46.8520, -31.9720 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 191.5940, -46.8520, -31.9720 by changing the saturation by 10% instead.

■ 191.5940,
-46.8520, -31.9720

■ 191.5940,
-46.8520, -31.9720

■ 255.0000, -0.0000,
-0.0000

■ 163.7080,
-47.1730, -31.6610

■ 232.6310,
-39.1060, -18.1620

■ 135.6370,
-48.4110, -31.2510

■ 242.4420,
-25.0320, -8.9040

■ 107.2560,
-51.7120, -32.0000

■ 251.1130, -7.7480,
-2.7560

■ 77.8960, -59.5060,
-33.9220

■ 60.5990, -45.2480,
-28.0000

■ 44.0030, -31.5860,
-22.2900

■ 28.1080, -18.5200,

-16.7920

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 191.5940,
-46.8520, -31.9720

■ 191.5940,
-46.8520, -31.9720

■ 183.8050,
-57.9920, -39.3360

■ 199.0840,
-36.3080, -24.8200

■ 176.2010,
-68.2150, -46.7990

■ 206.9870,
-25.4890, -17.1450

■ 168.4120,
-79.3550, -54.1630

■ 214.4770,
-14.9450, -9.9930

■ 160.9220,
-89.8990, -61.3150

■ 222.2660, -3.8050,
-2.6290

■ 153.1330,
-101.0390, -68.6790

■ 229.7560, 6.7390,
4.5230

■ 148.2630,
-107.4570, -73.5130

■ 235.5660, 13.3860,
10.7140

■ 236.4780, 10.8180,
13.2020

■ 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



197.7540, -9.2560, -30.5040



191.5940, -46.8520, -31.9720



185.0370, -81.6520, -29.0440

Triad

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



191.5940, -46.8520, -31.9720



204.7420, -25.0360, 13.2040



203.7980, 50.4790, 4.7750

Complementary

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



191.5940, -46.8520, -31.9720



160.4060, 46.8520, 31.9720

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.



203.2230, 42.4530, 18.0770



191.5940, -46.8520, -31.9720



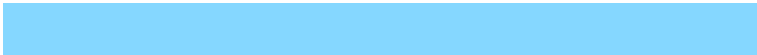
211.1640, 6.5510, 29.9670

Square

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



191.5940, -46.8520, -31.9720



195.0420, -61.7120, -4.9440



208.0280, 30.3010, 29.0610



205.6860, 47.3180, -9.5300

Rectangle

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



191.5940, -46.8520, -31.9720



184.2780, -92.3360, -22.6400



208.0280, 30.3010, 29.0610



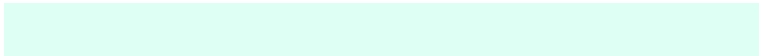
203.0630, 48.4150, 9.1430

Sweetspot

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



191.5940, -46.8520, -31.9720



243.7650, -15.8160, -10.7280



195.8880, -4.3020, -43.1980



120.8090, -9.9480, -6.9400



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.



191.5940, -46.8520, -31.9720



209.6470, -63.5390, -43.4350



189.2410, -55.3830, -15.0230



108.2550, -5.2720, -3.5760



115.9660, -84.0310, -57.5270



31.7100, -23.1510, -15.4630

Inverse Universe

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



160.4060, 46.8520, 31.9720



167.3530, 63.5390, 43.4350



162.7590, 55.3830, 15.0230



104.7450, 5.2720, 3.5760



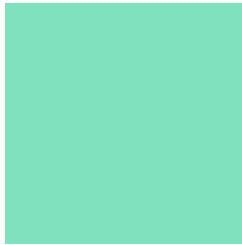
60.0340, 84.0310, 57.5270



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 191.5940, -46.8520, -31.9720 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 191.5940, -46.8520, -31.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

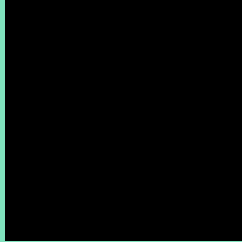
Any Text WCAG AA ✓ Pass

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 191.5940, -46.8520, -31.9720 Background



This preview shows how black text looks on a background with the YIQ color 191.5940, -46.8520, -31.9720.



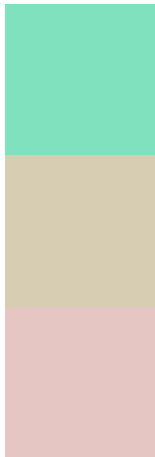
This preview shows how white text looks on a background with the YIQ color 191.5940, -46.8520, -31.9720.

-31.9720.

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**

191.5940, -46.8520, -31.9720

Protanopia

204.9120, 14.6270, -6.2770

Deuteranopia

206.9270, 19.4390, 5.6390



Tritanopia

196.4310, -52.8620, -11.1500

Trichromacy



Original Color

191.5940, -46.8520, -31.9720



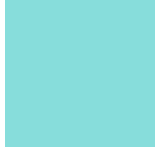
Protanomaly

199.9090, -7.6540, -15.4780



Deuteranomaly

201.5060, -4.7210, -8.0570



Tritanomaly

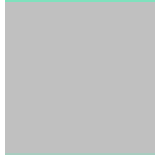
195.0580, -50.6140, -18.8540

Monochromacy



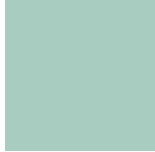
Original Color

191.5940, -46.8520, -31.9720



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

191.7540, -17.2830, -11.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.5940, -46.8520, -31.9720 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(127, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(127, 225, 189)  
}
```

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(127, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 225, 189) }
```

Border

The CSS property to change the border of an element to YIQ 191.5940, -46.8520, -31.9720 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(127, 225, 189) }
```


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

```
.border{ border-color:rgb(127, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(127, 225,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 191.5940, -46.8520, -31.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 225, 189) }
```

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

```
.background{ background-color: rgb(127,  
225, 189) }
```

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