

Converting Colors

YIQ(148.7970, -46.3460,
-41.1460)

Have a look what the booklet for
YIQ(148.7970, -46.3460, -41.1460)
contains.

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Color

**YIQ(148.7970, -46.3460,
-41.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	4FBC82
RGB	79, 188, 130
RGB Percent	31%, 74%, 51%
CMY	0.6905, 0.2626, 0.4903
CMYK	0.58, 0.00, 0.31, 0.26
HSL	148°, 45%, 52%
HSV	148°, 58%, 74%
XYZ	25.2380, 39.2557, 27.3536
YIQ	148.7970, -46.3460, -41.1460

Conversions

Conversions Part 2

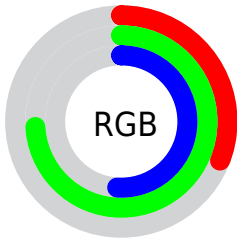
Format	Color
RYB	79, 153, 188
Decimal	5225602
CIELab	68.94, -44.73, 20.24
CIELCh	69, 49.099, 155.649
Yxy	39.2557, 0.2748, 0.4274
Android (android.graphics.Color)	4283415682 (0xFF4FBC82)
YUV	148.7970, -9.2669, -61.2120
Hunter-Lab	62.6544, -37.7430, 17.9734

Details

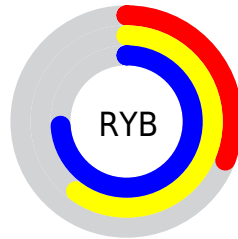
The YIQ color **148.7970, -46.3460, -41.1460** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **118.2030, 46.3460, 41.1460**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.6400, -44.4660, -42.1780**, and **87.7780, -62.5300, -45.2020** is the 20% darker color. If you saturate the color by 10%, you get **141.9760, -54.4600, -48.2840**, and if you desaturate by 10%, it is **155.6180, -38.2320, -34.0080**.

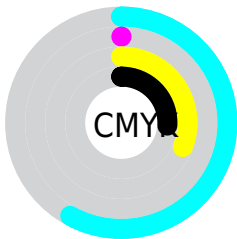
Distribution



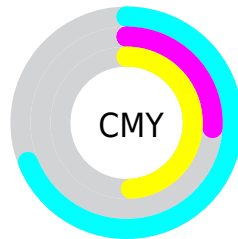
- Red (31%)
- Green (74%)
- Blue (51%)



- Red (31%)
- Yellow (60%)
- Blue (74%)



- Cyan (58%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)



- Cyan (69%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7970, -46.3460, -41.1460 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 148.7970, -46.3460, -41.1460 by changing the saturation by 10% instead.


 148.7970,
-46.3460, -41.1460


 148.7970,
-46.3460, -41.1460


255.0000, -0.0000,
-0.0000


 120.5300,
-49.9680, -41.5840


 205.6400,
-44.4660, -42.1780


 87.7780, -62.5300,
-45.2020


 223.0740,
-39.5160, -32.7640

 69.8940, -47.9970,
-38.7570


 234.9370,
-31.2200, -17.9080

 52.7110, -34.0600,
-32.5240

 245.7310,
-18.4760, -6.5720

 35.5280, -20.1230,
-26.2910

254.7010, -0.5960,
-0.2120

 21.7190, -10.1750,
-19.3510

 0.0000, 0.0000,

0.0000

■ 148.7970,
-46.3460, -41.1460

■ 148.7970,
-46.3460, -41.1460

■ 141.9760,
-54.4600, -48.2840

■ 155.6180,
-38.2320, -34.0080

■ 135.1550,
-62.5740, -55.4220

■ 162.4390,
-30.1180, -26.8700

■ 128.6330,
-70.0920, -62.3480

■ 168.9610,
-22.6000, -19.9440

■ 121.8120,
-78.2060, -69.4860

■ 175.7820,
-14.4860, -12.8060

■ 120.3880,
-79.9480, -70.9560

■ 182.6030, -6.3720,
-5.6680

■ 189.4240, 1.7420,
1.4700

■ 196.2450, 9.8560,
8.6080

■ 202.7670, 17.3740,
15.5340

■ 209.5880, 25.4880,
22.6720

Harmonies

Analogous

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



158.7090, 3.8120, -36.0600



148.7970, -46.3460, -41.1460



132.1810, -109.0210, -45.1570

Triad

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



148.7970, -46.3460, -41.1460



161.1520, -64.2370, 13.2910



168.7240, 71.6590, 17.4110

Complementary

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



148.7970, -46.3460, -41.1460



118.2030, 46.3460, 41.1460

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.



170.3000, 61.8900, 34.7700



148.7970, -46.3460, -41.1460



172.0020, -10.3680, 33.7280

Square

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



148.7970, -46.3460, -41.1460



135.6930, -129.9330, -18.5810



172.6730, 33.2790, 41.1750



166.7050, 63.5020, -5.4740

Rectangle

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



148.7970, -46.3460, -41.1460



134.9000, -118.0550, -35.6150



172.6730, 33.2790, 41.1750



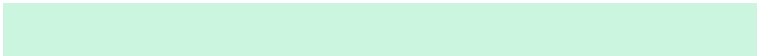
168.7550, 70.3740, 24.1820

Sweetspot

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



148.7970, -46.3460, -41.1460



229.9340, -17.9700, -15.7460



160.3250, 4.5930, -44.7110



113.3420, -10.1310, -9.1310



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.7970, -46.3460, -41.1460



183.1980, -73.3010, -64.7650



154.9530, -63.6800, -24.3520



90.7390, -3.7590, -3.4630



101.1820, -67.2040, -59.6200



19.7930, -13.0190, -11.8590

Inverse Universe

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



118.2030, 46.3460, 41.1460



134.9160, 72.9800, 65.0760



112.0470, 63.6800, 24.3520



88.2610, 3.7590, 3.4630



56.8180, 67.2040, 59.6200



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 148.7970, -46.3460, -41.1460 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 148.7970, -46.3460, -41.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

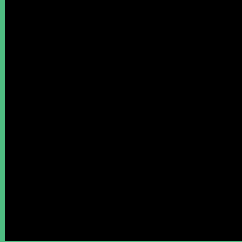
Any Text WCAG AA ✓ Pass

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 148.7970, -46.3460, -41.1460 Background



This preview shows how black text looks on a background with the YIQ color 148.7970, -46.3460, -41.1460.



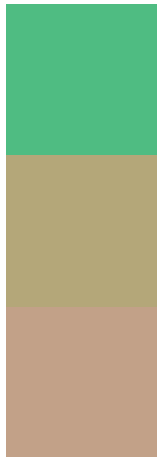
This preview shows how white text looks on a background with the YIQ color 148.7970, -46.3460, -41.1460.

-41.1460.

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

148.7970, -46.3460, -41.1460

Protanopia

165.6430, 22.5140, -11.5500

Deuteranopia

168.0170, 27.6930, -0.7790



Tritanopia

157.0780, -53.3660, -13.0300

Trichromacy



Original Color

148.7970, -46.3460, -41.1460



Protanomaly

159.6180, -2.7010, -22.6450



Deuteranomaly

161.1010, 0.5530, -15.5350



Tritanomaly

154.1240, -50.9800, -23.2360

Monochromacy



Original Color

148.7970, -46.3460, -41.1460



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.9450, -16.5030, -14.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7970, -46.3460, -41.1460 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(79, 188, 130)` looks like.

```
.text, #text, p{  
    color:rgb(79, 188, 130)  
}
```

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(79, 188, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 188, 130) }
```

Border

The CSS property to change the border of an element to YIQ 148.7970, -46.3460, -41.1460 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(79, 188, 130) }
```


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

```
.border{ border-color:rgb(79, 188, 130) }
```

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

Here you see how a box with a 4 pixel rgb(79, 188, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 188, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 188, 130);  
box-shadow:4px 4px 4px 4px rgb(79, 188,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7970, -46.3460, -41.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 188, 130) }
```

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

```
.background{ background-color: rgb(79, 188,  
130) }
```

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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