

Converting Colors

YIQ(172.4050, -41.9460,
-32.7780)

Have a look what the booklet for
YIQ(172.4050, -41.9460, -32.7780)
contains.

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Color

**YIQ(172.4050, -41.9460,
-32.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	70CDA3
RGB	112, 205, 163
RGB Percent	44%, 80%, 64%
CMY	0.5610, 0.1959, 0.3609
CMYK	0.45, 0.00, 0.21, 0.20
HSL	153°, 48%, 62%
HSV	153°, 45%, 80%
XYZ	35.1225, 49.7650, 42.3887
YIQ	172.4050, -41.9460, -32.7780

Conversions

Conversions Part 2

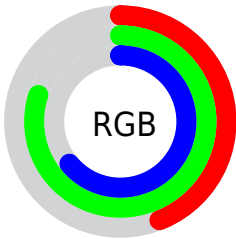
Format	Color
RYB	112, 172, 205
Decimal	7392675
CIELab	75.92, -37.43, 12.45
CIELCh	76, 39.446, 161.594
Yxy	49.7650, 0.2760, 0.3910
Android (android.graphics.Color)	4285582755 (0xFF70CDA3)
YUV	172.4050, -4.6367, -52.9752
Hunter-Lab	70.5443, -34.5812, 13.7548

Details

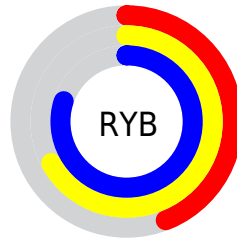
The YIQ color **172.4050, -41.9460, -32.7780** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **144.5950, 41.9460, 32.7780**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.7690, -39.9750, -29.9510**, and **117.1490, -44.1010, -32.2690** is the 20% darker color. If you saturate the color by 10%, you get **165.1000, -51.5730, -40.0290**, and if you desaturate by 10%, it is **179.4110, -32.9150, -25.7390**.

Distribution



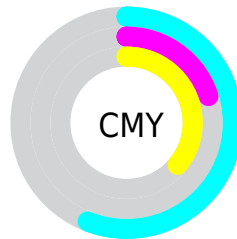
- Red (44%)
- Green (80%)
- Blue (64%)



- Red (44%)
- Yellow (67%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4050, -41.9460, -32.7780 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 172.4050, -41.9460, -32.7780 by changing the saturation by 10% instead.

■ 172.4050,
-41.9460, -32.7780

■ 172.4050,
-41.9460, -32.7780

■ 255.0000, -0.0000,
-0.0000

■ 144.6330,
-42.5880, -32.1560

■ 224.7690,
-39.9750, -29.9510

■ 117.1490,
-44.1010, -32.2690

■ 236.6320,
-31.6790, -15.0950

■ 88.6860, -50.1070,
-33.5550

■ 246.3290,
-17.2840, -6.1480

■ 64.7080, -47.1730,
-31.6610

■ 48.1120, -33.5110,
-25.9510

■ 31.7440, -20.4910,
-19.6190

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 172.4050,
-41.9460, -32.7780

■ 172.4050,
-41.9460, -32.7780

■ 165.1000,
-51.5730, -40.0290

■ 179.4110,
-32.9150, -25.7390

■ 157.9800,
-60.2830, -47.3790

■ 186.8300,
-23.6090, -18.1770

■ 150.6750,
-69.9100, -54.6300


■ 193.8360,
-14.5780, -11.1380


■ 143.6690,
-78.9410, -61.6690


■ 201.1410, -4.9510,
-3.8870


■ 136.3640,
-88.5680, -68.9200

■ 208.1470, 4.0800,
3.1520

 133.1030,
-92.3270, -72.3830

 215.5660, 13.3860,
10.7140

 222.5720, 22.4170,
17.7530

 223.5980, 19.5280,
20.5520

 224.6240, 16.6390,
23.3510

Harmonies

Analogous

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



178.6900, -3.2040, -30.0520



172.4050, -41.9460, -32.7780



162.9610, -84.4940, -32.6060

Triad

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



172.4050, -41.9460, -32.7780



185.4940, -38.8370, 15.5230



188.5760, 60.1520, 11.1920

Complementary

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



172.4050, -41.9460, -32.7780



144.5950, 41.9460, 32.7780

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.



189.4140, 52.4010, 25.0170



172.4050, -41.9460, -32.7780



191.9290, -0.0970, 29.3030

Square

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



172.4050, -41.9460, -32.7780



173.4130, -78.8140, -3.3740



192.1040, 33.1430, 32.6230



186.4200, 51.1230, -6.9010

Rectangle

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



172.4050, -41.9460, -32.7780



157.8200, -105.9060, -30.0180



192.1040, 33.1430, 32.6230



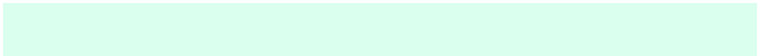
188.5530, 58.9590, 16.2950

Sweetspot

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



172.4050, -41.9460, -32.7780



242.4120, -16.3200, -12.6080



179.4480, 0.0530, -39.5230



120.2820, -9.9020, -7.7740



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.



172.4050, -41.9460, -32.7780



206.6700, -62.3460, -48.5380



175.4320, -54.6030, -18.1470



98.4400, -4.3550, -3.6750



107.8160, -74.8610, -58.5170



24.7000, -17.1910, -13.3430

Inverse Universe

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



144.5950, 41.9460, 32.7780



165.4440, 62.0250, 48.8490



141.5680, 54.6030, 18.1470



95.4460, 4.6760, 3.3640



58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 172.4050, -41.9460, -32.7780 looks on a white background.

Color Contrast Check

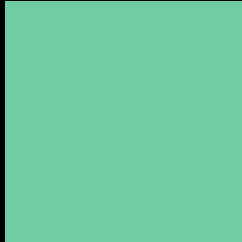
Large Text (above 18pt) WCAG AA × Fail

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 172.4050, -41.9460, -32.7780 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

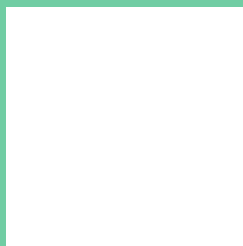
Any Text WCAG AAA ✓ Pass

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

YIQ 172.4050, -41.9460, -32.7780 Background



This preview shows how black text looks on a background with the YIQ color 172.4050, -41.9460, -32.7780.



This preview shows how white text looks on a background with the YIQ color 172.4050, -41.9460, -32.7780.

-32.7780.

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

172.4050, -41.9460, -32.7780

Protanopia

185.5270, 17.1490, -7.9310

Deuteranopia

187.0150, 22.0070, 3.1510



Tritanopia

177.9970, -48.6440, -10.5000

Trichromacy



Original Color

172.4050, -41.9460, -32.7780



Protanomaly

180.8230, -4.5360, -16.9200



Deuteranomaly

181.3060, -1.2820, -9.8100



Tritanomaly

176.0970, -46.3500, -19.0380

Monochromacy



Original Color

172.4050, -41.9460, -32.7780



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

172.1240, -15.4490, -11.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4050, -41.9460, -32.7780 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(112, 205, 163)` looks like.

```
.text, #text, p{  
    color:rgb(112, 205, 163)  
}
```

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(112, 205, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 205, 163) }
```

Border

The CSS property to change the border of an element to YIQ 172.4050, -41.9460, -32.7780 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(112, 205, 163) }
```


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

```
.border{ border-color:rgb(112, 205, 163) }
```

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

Here you see how a box with a 4 pixel rgb(112, 205, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 205, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 205, 163);  
box-shadow:4px 4px 4px 4px rgb(112, 205,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4050, -41.9460, -32.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 205, 163) }
```

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

```
.background{ background-color: rgb(112,  
205, 163) }
```

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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