

Converting Colors

YIQ(172.7480, -44.6500,
-38.8420)

Have a look what the booklet for
YIQ(172.7480, -44.6500, -38.8420)
contains.

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Color

**YIQ(172.7480, -44.6500,
-38.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD29C
RGB	106, 210, 156
RGB Percent	42%, 82%, 61%
CMY	0.5846, 0.1763, 0.3884
CMYK	0.50, 0.00, 0.26, 0.18
HSL	149°, 54%, 62%
HSV	149°, 50%, 82%
XYZ	34.9905, 51.5736, 39.5477
YIQ	172.7480, -44.6500, -38.8420

Conversions

Conversions Part 2

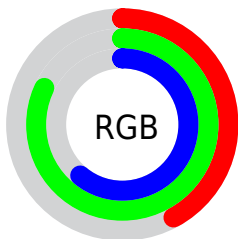
Format	Color
RYB	106, 176, 210
Decimal	7000732
CIELab	77.03, -42.62, 17.69
CIELCh	77, 46.146, 157.458
Yxy	51.5736, 0.2775, 0.4090
Android (android.graphics.Color)	4285190812 (0xFF6AD29C)
YUV	172.7480, -8.2568, -58.5380
Hunter-Lab	71.8148, -38.7048, 17.6199

Details

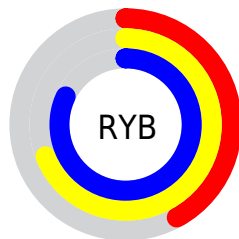
The YIQ color **172.7480, -44.6500, -38.8420** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.2520, 44.6500, 38.8420**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4760, -40.7080, -33.1880**, and **116.7090, -48.9140, -38.6580** is the 20% darker color. If you saturate the color by 10%, you get **165.2150, -53.6350, -46.7150**, and if you desaturate by 10%, it is **180.2810, -35.6650, -30.9690**.

Distribution



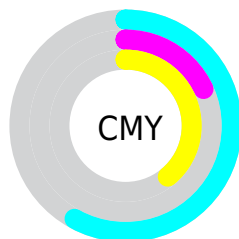
- Red (42%)
- Green (82%)
- Blue (61%)



- Red (42%)
- Yellow (69%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7480, -44.6500, -38.8420 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 172.7480, -44.6500, -38.8420 by changing the saturation by 10% instead.

■ 172.7480,
-44.6500, -38.8420

■ 172.7480,
-44.6500, -38.8420

■ 255.0000, -0.0000,
-0.0000

■ 144.6770,
-45.8880, -38.4320

■ 222.4760,
-40.7080, -33.1880

■ 116.7090,
-48.9140, -38.6580

■ 234.3390,
-32.4120, -18.3320

■ 84.2560, -60.8800,
-42.0640

■ 244.8340,
-20.2640, -7.2080

■ 66.3720, -46.3470,
-35.6190

■ 253.8040, -2.3840,
-0.8480

■ 49.7760, -32.6850,
-29.9090

■ 33.2940, -19.3440,
-23.8880

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 172.7480,
-44.6500, -38.8420

■ 172.7480,
-44.6500, -38.8420

■ 165.2150,
-53.6350, -46.7150

■ 180.2810,
-35.6650, -30.9690

■ 157.6820,
-62.6200, -54.5880

■ 187.8140,
-26.6800, -23.0960

■ 150.1490,
-71.6050, -62.4610


■ 195.3470,
-17.6950, -15.2230


■ 142.6160,
-80.5900, -70.3340


■ 202.8800, -8.7100,
-7.3500


■ 135.0830,
-89.5750, -78.2070


■ 210.4130, 0.2750,
0.5230

 134.7840,
-90.1710, -78.4190

 217.8320, 9.5810,
8.0850

 225.3650, 18.5660,
15.9580

 227.2170, 16.2270,
19.8030

 228.4710, 12.6960,
23.2240

Harmonies

Analogous

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



180.9800, 1.6110, -34.7170



172.7480, -44.6500, -38.8420



147.8310, -122.7750, -49.1990

Triad

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



172.7480, -44.6500, -38.8420



183.9440, -49.1520, 9.7280



187.2990, 62.4900, 12.8740

Complementary

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



172.7480, -44.6500, -38.8420



143.2520, 44.6500, 38.8420

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.



188.4510, 50.9790, 28.7630



172.7480, -44.6500, -38.8420



194.2860, -5.4160, 32.0880

Square

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



172.7480, -44.6500, -38.8420



161.9850, -110.2640, -17.1120



195.3910, 34.0130, 38.8850



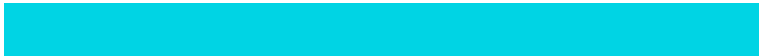
189.0360, 61.0720, -5.4880

Rectangle

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



172.7480, -44.6500, -38.8420



150.4360, -131.4880, -39.9680



195.3910, 34.0130, 38.8850



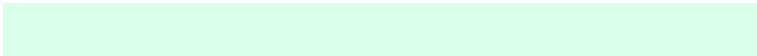
187.0200, 59.1420, 18.4860

Sweetspot

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



172.7480, -44.6500, -38.8420



241.3580, -16.2280, -14.2760



183.4930, 4.1800, -42.7320



119.7550, -9.8560, -8.6080



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.



172.7480, -44.6500, -38.8420



201.2580, -64.3620, -56.0580



178.5620, -61.0210, -22.9810



101.0270, -4.6300, -4.1980



107.8500, -72.2010, -62.6730



26.3470, -17.6950, -15.2230

Inverse Universe

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



143.2520, 44.6500, 38.8420



158.7420, 64.3620, 56.0580



137.4380, 61.0210, 22.9810



97.9730, 4.6300, 4.1980



60.1500, 72.2010, 62.6730



14.6530, 17.6950, 15.2230

Previews

White Background



This preview shows how the YIQ color 172.7480, -44.6500, -38.8420 looks on a white background.

Color Contrast Check

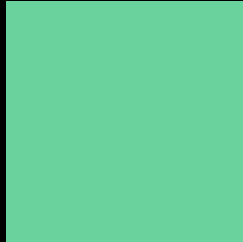
Large Text (above 18pt) WCAG AA × Fail

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 172.7480, -44.6500, -38.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

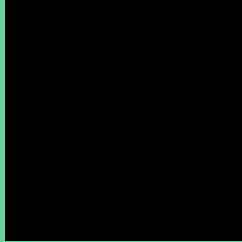
Any Text WCAG AA ✓ Pass

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 172.7480, -44.6500, -38.8420 Background



This preview shows how black text looks on a background with the YIQ color 172.7480, -44.6500, -38.8420.



This preview shows how white text looks on a background with the YIQ color 172.7480, -44.6500, -38.8420.

-38.8420.

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

172.7480, -44.6500, -38.8420

Protanopia

187.9850, 21.5510, -10.6170

Deuteranopia

190.1850, 27.2800, 1.2000



Tritanopia

179.9040, -52.8160, -11.9840

Trichromacy



Original Color

172.7480, -44.6500, -38.8420



Protanomaly

182.6720, -2.7930, -20.9770



Deuteranomaly

183.8670, 1.3320, -13.1320



Tritanomaly

177.2490, -49.8340, -21.9780

Monochromacy



Original Color

172.7480, -44.6500, -38.8420



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.7710, -15.9530, -13.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7480, -44.6500, -38.8420 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(106, 210, 156)` looks like.

```
.text, #text, p{  
    color:rgb(106, 210, 156)  
}
```

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(106, 210, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 210, 156) }
```

Border

The CSS property to change the border of an element to YIQ 172.7480, -44.6500, -38.8420 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(106, 210, 156) }
```


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

```
.border{ border-color:rgb(106, 210, 156) }
```

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

Here you see how a box with a 4 pixel rgb(106, 210, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 210, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 210, 156);  
box-shadow:4px 4px 4px 4px rgb(106, 210,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7480, -44.6500, -38.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 210, 156) }
```

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

```
.background{ background-color: rgb(106,  
210, 156) }
```

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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