

Converting Colors

YIQ(150.0330, -67.8020,
-48.7780)

Have a look what the booklet for
YIQ(150.0330, -67.8020, -48.7780)
contains.

YIQ(150.0330, -67.8020, -48.7780)	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(150.0330, -67.8020,
-48.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	37C88E
RGB	55, 200, 142
RGB Percent	22%, 78%, 56%
CMY	0.7847, 0.2154, 0.4434
CMYK	0.73, 0.00, 0.29, 0.22
HSL	156°, 57%, 50%
HSV	156°, 73%, 78%
XYZ	27.1168, 44.0975, 32.6512
YIQ	150.0330, -67.8020, -48.7780

Conversions

Conversions Part 2

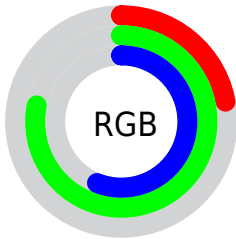
Format	Color
RYB	55, 146, 200
Decimal	3655822
CIELab	72.29, -51.42, 18.36
CIELCh	72, 54.599, 160.347
Yxy	44.0975, 0.2611, 0.4246
Android (android.graphics.Color)	4281845902 (0xFF37C88E)
YUV	150.0330, -3.9603, -83.3439
Hunter-Lab	66.4059, -43.3201, 17.3318

Details

The YIQ color **150.0330, -67.8020, -48.7780** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **104.9670, 67.8020, 48.7780**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.2080, -60.9250, -46.7570**, and **95.4890, -69.0860, -47.5340** is the 20% darker color. If you saturate the color by 10%, you get **143.1410, -77.1540, -55.5060**, and if you desaturate by 10%, it is **156.9250, -58.4500, -42.0500**.

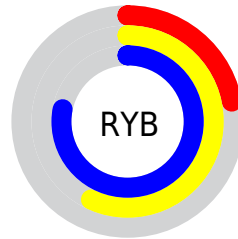
Distribution



Red (22%)

Green (78%)

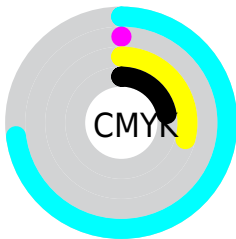
Blue (56%)



Red (22%)

Yellow (57%)

Blue (78%)

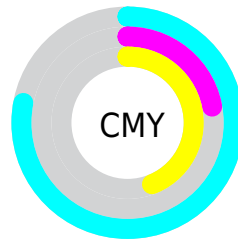


Cyan (73%)

Magenta (0%)

Yellow (29%)

Black (22%)



Cyan (78%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.0330, -67.8020, -48.7780 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 150.0330, -67.8020, -48.7780 by changing the saturation by 10% instead.

■ 150.0330,
-67.8020, -48.7780

■ 150.0330,
-67.8020, -48.7780

■ 255.0000, -0.0000,
-0.0000

■ 114.1880,
-84.5360, -53.8800

■ 208.2080,
-60.9250, -46.7570

■ 95.4890, -69.0860,
-47.5340

■ 220.3700,
-52.0330, -31.6890

■ 77.0180, -54.2780,
-40.5660

■ 232.6460,
-43.4620, -16.3100

■ 59.7210, -40.0200,
-34.6440

■ 241.8440,
-26.2240, -9.3280

■ 42.6520, -26.4040,
-28.1000

■ 251.1130, -7.7480,
-2.7560

■ 27.0020, -12.6500,
-24.0580

■ 8.8050, -4.1250,

-7.8450

■ 0.0000, 0.0000,
0.0000

■ 150.0330,
-67.8020, -48.7780

■ 150.0330,
-67.8020, -48.7780

■ 143.1410,
-77.1540, -55.5060

■ 156.9250,
-58.4500, -42.0500

■ 136.2490,
-86.5060, -62.2340

■ 163.8170,
-49.0980, -35.3220

■ 131.0800,
-93.5200, -67.2800

■ 170.7090,
-39.7460, -28.5940

■ 177.6010,
-30.3940, -21.8660

■ 184.4930,
-21.0420, -15.1380

■ 191.3850,
-11.6900, -8.4100

■ 198.2770, -2.3380,
-1.6820

■ 205.1690, 7.0140,
5.0460

■ 212.0610, 16.3660,
11.7740

Harmonies

Analogous

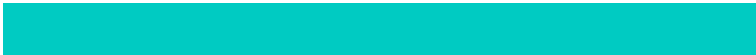
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.8280, -4.0730, -41.8410



150.0330, -67.8020, -48.7780



141.2770, -118.0990, -45.8350

Triad

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



150.0330, -67.8020, -48.7780



169.4470, -57.8180, 12.5980



174.4700, 75.1900, 13.9900

Complementary

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



150.0330, -67.8020, -48.7780



104.9670, 67.8020, 48.7780

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.



173.3710, 63.1280, 34.3600



150.0330, -67.8020, -48.7780



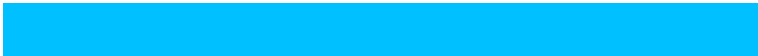
182.1110, -3.1250, 40.1310

Square

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



150.0330, -67.8020, -48.7780



141.7740, -134.6550, -21.1110



181.6960, 43.6400, 46.1360



174.6960, 67.7210, -10.3510

Rectangle

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



150.0330, -67.8020, -48.7780



143.7510, -127.8210, -34.8370



181.6960, 43.6400, 46.1360



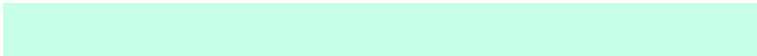
173.2450, 71.7500, 21.2700

Sweetspot

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



150.0330, -67.8020, -48.7780



235.7480, -26.3140, -18.7140



158.0550, -4.1150, -63.1150



116.2380, -15.7700, -11.5620



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.



150.0330, -67.8020, -48.7780



178.4760, -103.7430, -74.7430



149.6010, -83.1200, -24.4640



95.8530, -4.0800, -3.1520



106.8530, -76.2830, -54.7710



23.5260, -16.6410, -12.2970

Inverse Universe

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



104.9670, 67.8020, 48.7780



109.5240, 103.7430, 74.7430



105.3990, 83.1200, 24.4640



93.0330, 4.4010, 2.8410



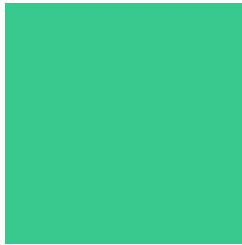
56.1470, 76.2830, 54.7710



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 150.0330, -67.8020, -48.7780 looks on a white background.

Color Contrast Check

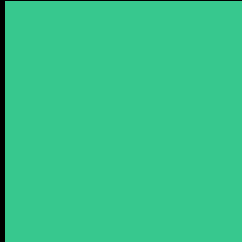
Large Text (above 18pt) WCAG AA × Fail

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 150.0330, -67.8020, -48.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

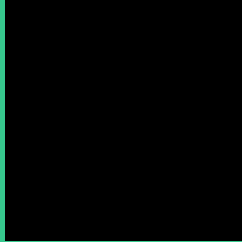
Any Text WCAG AA ✓ Pass

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 150.0330, -67.8020, -48.7780 Background



This preview shows how black text looks on a background with the YIQ color 150.0330, -67.8020, -48.7780.

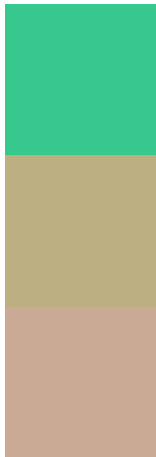


This preview shows how white text looks on a background with the YIQ color 150.0330, -67.8020, -48.7780.

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

150.0330, -67.8020, -48.7780

Protanopia

174.4580, 21.5970, -11.4510

Deuteranopia

176.5870, 26.0880, 0.7760



Tritanopia

161.4180, -69.1830, -18.2310

Trichromacy



Original Color

150.0330, -67.8020, -48.7780



Protanomaly

165.8450, -10.7700, -25.0900



Deuteranomaly

166.8550, -7.5620, -17.1460



Tritanomaly

157.1540, -68.8600, -29.5960

Monochromacy



Original Color

150.0330, -67.8020, -48.7780



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.7590, -24.8470, -17.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.0330, -67.8020, -48.7780 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(55, 200, 142)` looks like.

```
.text, #text, p{  
    color:rgb(55, 200, 142)  
}
```

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(55, 200, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 200, 142) }
```

Border

The CSS property to change the border of an element to YIQ 150.0330, -67.8020, -48.7780 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(55, 200, 142) }
```


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

```
.border{ border-color:rgb(55, 200, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 200, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 200, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 200, 142);  
box-shadow:4px 4px 4px 4px rgb(55, 200,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 150.0330, -67.8020, -48.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 200, 142) }
```

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

```
.background{ background-color: rgb(55, 200,  
142) }
```

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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