

Converting Colors

YIQ(177.4120, -34.6560,
-32.7360)

Have a look what the booklet for
YIQ(177.4120, -34.6560, -32.7360)
contains.

YIQ(177.4120, -34.6560, -32.7360)	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(177.4120, -34.6560,
-32.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD0A0
RGB	124, 208, 160
RGB Percent	49%, 82%, 63%
CMY	0.5139, 0.1842, 0.3726
CMYK	0.40, 0.00, 0.23, 0.18
HSL	146°, 47%, 65%
HSV	146°, 40%, 82%
XYZ	37.2111, 51.9468, 41.3115
YIQ	177.4120, -34.6560, -32.7360

Conversions

Conversions Part 2

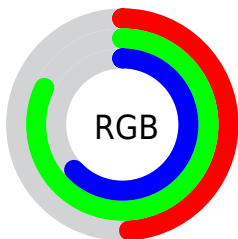
Format	Color
RYB	124, 183, 208
Decimal	8179872
CIELab	77.25, -36.16, 15.99
CIELCh	77, 39.536, 156.150
Yxy	51.9468, 0.2852, 0.3982
Android (android.graphics.Color)	4286369952 (0xFF7CD0A0)
YUV	177.4120, -8.5841, -46.8423
Hunter-Lab	72.0741, -33.9721, 16.4680

Details

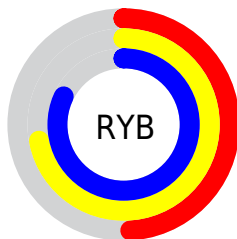
The YIQ color **177.4120, -34.6560, -32.7360** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **154.5880, 34.6560, 32.7360**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.0150, -31.8600, -28.3400**, and **123.0530, -35.0230, -31.5910** is the 20% darker color. If you saturate the color by 10%, you get **169.7650, -43.3200, -40.9200**, and if you desaturate by 10%, it is **185.0590, -25.9920, -24.5520**.

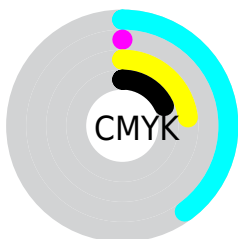
Distribution



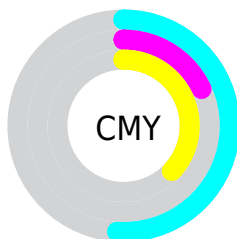
- Red (49%)
- Green (82%)
- Blue (63%)



- Red (49%)
- Yellow (72%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.4120, -34.6560, -32.7360 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 177.4120, -34.6560, -32.7360 by changing the saturation by 10% instead.

■ 177.4120,
-34.6560, -32.7360

■ 177.4120,
-34.6560, -32.7360

■ 255.0000, -0.0000,
-0.0000

■ 149.9390,
-34.7020, -31.9020

■ 228.0150,
-31.8600, -28.3400

■ 122.7540,
-35.6190, -31.8030

■ 239.5790,
-24.1600, -13.6960

■ 96.3840, -37.4530,
-31.6050

■ 249.6180,
-10.7280, -3.8160

■ 66.2410, -47.3560,
-33.8520

■ 49.5310, -33.3730,
-28.4530

■ 33.1630, -20.3530,
-22.1210

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 177.4120,
-34.6560, -32.7360

■ 177.4120,
-34.6560, -32.7360

■ 169.7650,
-43.3200, -40.9200

■ 185.0590,
-25.9920, -24.5520

■ 162.1180,
-51.9840, -49.1040

■ 192.7060,
-17.3280, -16.3680

■ 154.7700,
-60.0520, -57.0760

■ 200.0540, -9.2600,
-8.3960

■ 147.1230,
-68.7160, -65.2600

■ 207.7010, -0.5960,
-0.2120

■ 139.5900,
-77.7010, -73.1330

■ 215.2340, 8.3890,
7.6610

■ 132.2420,
-85.7690, -81.1050

■ 222.8810, 17.0530,
15.8450

■ 226.0430, 16.7770,
20.8490

■ 227.4110, 12.9250,
24.5810

Harmonies

Analogous

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



183.0390, 3.1230, -29.0770



177.4120, -34.6560, -32.7360



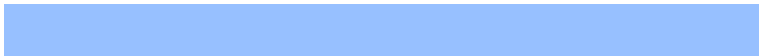
169.0390, -75.9660, -32.9740

Triad

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



177.4120, -34.6560, -32.7360



186.9230, -44.6590, 10.9010



191.2600, 58.2260, 13.0580

Complementary

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



177.4120, -34.6560, -32.7360



154.5880, 34.6560, 32.7360

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.



192.4290, 48.0450, 26.8690



177.4120, -34.6560, -32.7360



194.8680, -7.2950, 27.5930

Square

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



177.4120, -34.6560, -32.7360



174.8420, -84.6360, -7.9960



195.8800, 27.9620, 32.9060



190.4960, 53.9650, -3.3390

Rectangle

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



177.4120, -34.6560, -32.7360



162.9300, -100.4040, -30.6120



195.8800, 27.9620, 32.9060



191.3400, 55.2450, 17.5250

Sweetspot

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



177.4120, -34.6560, -32.7360



243.7930, -13.0190, -11.8590



187.9590, 6.1040, -33.5440



121.3640, -7.1970, -7.2370



0.0000, 0.0000, 0.0000



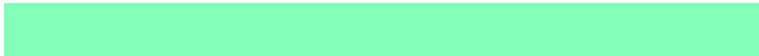
128.0000, -0.0000, -0.0000

Same Dimension

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



177.4120, -34.6560, -32.7360



209.5310, -51.7090, -48.5810



182.0860, -47.8170, -19.9850



101.0270, -4.6300, -4.1980



106.8240, -69.3120, -65.4720



26.0050, -16.7320, -16.1560

Inverse Universe

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



154.5880, 34.6560, 32.7360



175.4690, 51.7090, 48.5810



149.9140, 47.8170, 19.9850



97.9730, 4.6300, 4.1980



61.1760, 69.3120, 65.4720



14.8810, 17.0530, 15.8450

Previews

White Background



This preview shows how the YIQ color 177.4120, -34.6560, -32.7360 looks on a white background.

Color Contrast Check

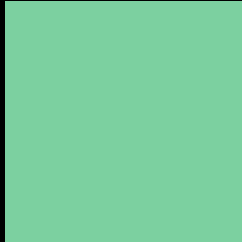
Large Text (above 18pt) WCAG AA × Fail

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 177.4120, -34.6560, -32.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

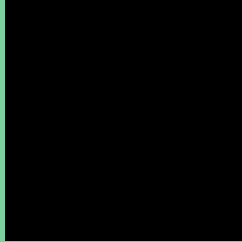
Any Text WCAG AA ✓ Pass

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 177.4120, -34.6560, -32.7360 Background



This preview shows how black text looks on a background with the YIQ color 177.4120, -34.6560, -32.7360.



This preview shows how white text looks on a background with the YIQ color 177.4120, -34.6560, -32.7360.

-32.7360.

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

177.4120, -34.6560, -32.7360

Protanopia

188.5550, 19.9460, -9.0620

Deuteranopia

191.1140, 26.0420, 1.6100



Tritanopia

183.1010, -43.0050, -8.0690

Trichromacy



Original Color

177.4120, -34.6560, -32.7360



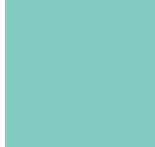
Protanomaly

184.6340, 0.3700, -17.7260



Deuteranomaly

186.0030, 3.9450, -10.9270



Tritanomaly

180.9730, -40.0690, -17.2290

Monochromacy



Original Color

177.4120, -34.6560, -32.7360



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.0920, -12.4230, -11.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.4120, -34.6560, -32.7360 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(124, 208, 160)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 160)  
}
```

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(124, 208, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 160) }
```

Border

The CSS property to change the border of an element to YIQ 177.4120, -34.6560, -32.7360 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(124, 208, 160) }
```


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

```
.border{ border-color:rgb(124, 208, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 208, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 208, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 208, 160);  
box-shadow:4px 4px 4px 4px rgb(124, 208,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 177.4120, -34.6560, -32.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 160) }
```

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

```
.background{ background-color: rgb(124,  
208, 160) }
```

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