

Converting Colors

YIQ(173.8150, -63.9520,
-41.4560)

Have a look what the booklet for
YIQ(173.8150, -63.9520, -41.4560)
contains.

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Color

**YIQ(173.8150, -63.9520,
-41.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	57DAAE
RGB	87, 218, 174
RGB Percent	34%, 85%, 68%
CMY	0.6591, 0.1449, 0.3179
CMYK	0.60, 0.00, 0.20, 0.14
HSL	160°, 64%, 60%
HSV	160°, 60%, 86%
XYZ	36.6426, 55.2472, 48.7483
YIQ	173.8150, -63.9520, -41.4560

Conversions

Conversions Part 2

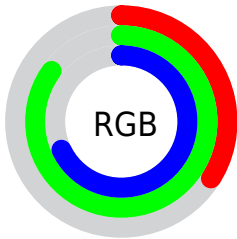
Format	Color
R _Y B	87, 166, 218
Decimal	5757614
CIE Lab	79.18, -46.37, 11.11
CIE LCh	79, 47.682, 166.529
Yxy	55.2472, 0.2605, 0.3928
Android (android.graphics.Color)	4283947694 (0xFF57DAAE)
YUV	173.8150, 0.0912, -76.1368
Hunter-Lab	74.3285, -42.0775, 13.1446

Details

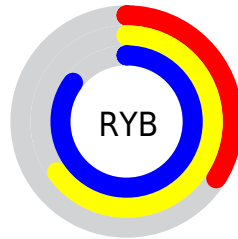
The YIQ color **173.8150, -63.9520, -41.4560** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **131.1850, 63.9520, 41.4560**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.1570, -55.7470, -30.4590**, and **109.0020, -83.7120, -46.7840** is the 20% darker color. If you saturate the color by 10%, you get **166.4390, -74.8170, -48.2970**, and if you desaturate by 10%, it is **181.1910, -53.0870, -34.6150**.

Distribution



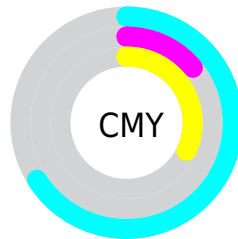
- Red (34%)
- Green (85%)
- Blue (68%)



- Red (34%)
- Yellow (65%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)



- Cyan (66%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.8150, -63.9520, -41.4560 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 173.8150, -63.9520, -41.4560 by changing the saturation by 10% instead.

■ 173.8150,
-63.9520, -41.4560

■ 173.8150,
-63.9520, -41.4560

■ 255.0000, -0.0000,
-0.0000

■ 144.1350,
-67.8490, -42.4170

■ 220.0430,
-55.4260, -30.7700

■ 109.0020,
-83.7120, -46.7840

■ 231.6780,
-46.4880, -16.5360

■ 90.3030, -68.2620,
-40.4380

■ 240.6480,
-28.6080, -10.1760

■ 72.3050, -53.4080,
-34.3040

■ 249.6180,
-10.7280, -3.8160

■ 55.0080, -39.1500,
-28.3820

■ 37.9390, -25.5340,
-21.8380

■ 22.8760, -12.0550,

-18.3190

■ 0.0000, 0.0000,
0.0000

■ 173.8150,
-63.9520, -41.4560

■ 173.8150,
-63.9520, -41.4560

■ 166.4390,
-74.8170, -48.2970

■ 181.1910,
-53.0870, -34.6150

■ 158.9490,
-85.3610, -55.4490

■ 188.6810,
-42.5430, -27.4630

■ 151.5730,
-96.2260, -62.2900

■ 195.7580,
-32.2740, -20.8340

■ 144.4960,
-106.4950, -68.9190

■ 203.1340,
-21.4090, -13.9930

■ 210.6240,
-10.8650, -6.8410

■ 218.0000, -0.0000,
0.0000

■ 225.3760, 10.8650,
6.8410

■ 230.7730, 17.2370,
12.5090

■ 231.5710, 14.9900,
14.6860

Harmonies

Analogous

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



184.4560, -11.5930, -37.7130



173.8150, -63.9520, -41.4560



153.6330, -130.8450, -46.1170

Triad

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



173.8150, -63.9520, -41.4560



192.6040, -33.3350, 14.9290



191.8980, 61.9410, 6.3010

Complementary

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



173.8150, -63.9520, -41.4560



131.1850, 63.9520, 41.4560

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.



190.4740, 52.1720, 23.6600



173.8150, -63.9520, -41.4560



200.8640, 7.6960, 36.7520

Square

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



173.8150, -63.9520, -41.4560



174.5100, -89.6330, -11.0490



196.7780, 37.1770, 36.6090



194.2540, 57.2220, -12.8100

Rectangle

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



173.8150, -63.9520, -41.4560



155.6510, -139.2830, -36.3630



196.7780, 37.1770, 36.6090



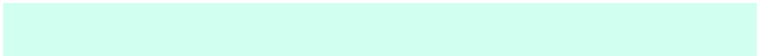
190.8040, 59.5100, 11.8140

Sweetspot

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



173.8150, -63.9520, -41.4560



239.5360, -22.6010, -14.4170



177.6510, -8.6090, -58.7610



118.1890, -14.0740, -9.2580



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.



173.8150, -63.9520, -41.4560



192.9160, -89.7620, -58.2900



167.0910, -72.5760, -17.3120



106.2550, -5.2720, -3.5760



114.6610, -84.4900, -54.7140



30.4220, -22.2800, -14.7280

Inverse Universe

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



131.1850, 63.9520, 41.4560



133.0840, 89.7620, 58.2900



137.9090, 72.5760, 17.3120



102.6310, 5.5930, 3.2650



58.3390, 84.4900, 54.7140



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 173.8150, -63.9520, -41.4560 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 173.8150, -63.9520, -41.4560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

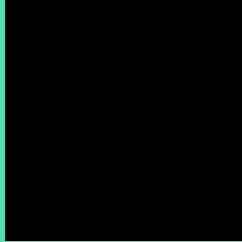
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

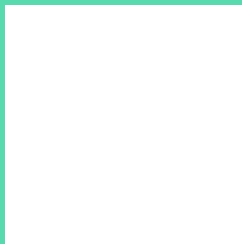
Any Text WCAG AAA ✓ Pass

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

YIQ 173.8150, -63.9520, -41.4560 Background



This preview shows how black text looks on a background with the YIQ color 173.8150, -63.9520, -41.4560.



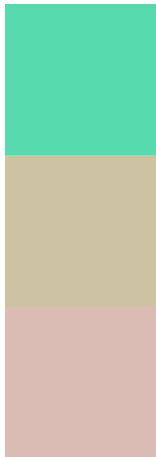
This preview shows how white text looks on a background with the YIQ color 173.8150, -63.9520, -41.4560.

-41.4560.

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

173.8150, -63.9520, -41.4560

Protanopia

193.6410, 16.8280, -7.6200

Deuteranopia

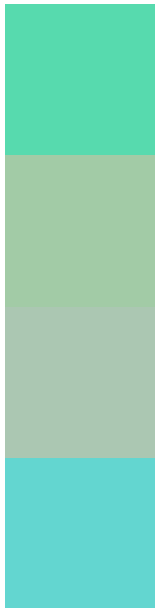
196.3570, 21.0440, 4.0840



Tritanopia

181.5430, -68.0370, -16.9730

Trichromacy



Original Color

173.8150, -63.9520, -41.4560

Protanomaly

186.5230, -12.5590, -20.1990

Deuteranomaly

188.2340, -9.9470, -12.4670

Tritanomaly

178.9310, -66.6140, -26.2460

Monochromacy



Original Color

173.8150, -63.9520, -41.4560

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.8240, -23.4720, -15.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.8150, -63.9520, -41.4560 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(87, 218, 174)` looks like.

```
.text, #text, p{  
    color:rgb(87, 218, 174)  
}
```

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(87, 218, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 218, 174) }
```

Border

The CSS property to change the border of an element to YIQ 173.8150, -63.9520, -41.4560 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(87, 218, 174) }
```


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

```
.border{ border-color:rgb(87, 218, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 218, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 218, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 218, 174);  
box-shadow:4px 4px 4px 4px rgb(87, 218,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 173.8150, -63.9520, -41.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 218, 174) }
```

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

```
.background{ background-color: rgb(87, 218,  
174) }
```

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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