

Converting Colors

YIQ(180.1770, 21.7310, 8.1550)

Have a look what the booklet for
YIQ(180.1770, 21.7310, 8.1550)
contains.

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Color

**YIQ(180.1770, 21.7310,
8.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA9AA
RGB	206, 169, 170
RGB Percent	81%, 66%, 67%
CMY	0.1921, 0.3373, 0.3332
CMYK	0.00, 0.18, 0.17, 0.19
HSL	358°, 27%, 74%
HSV	358°, 18%, 81%
XYZ	46.9027, 44.3983, 44.1387
YIQ	180.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

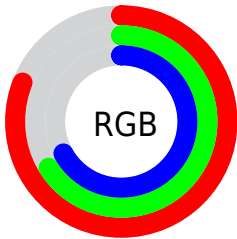
Format	Color
R_{YB}	206, 169, 170
Decimal	13543850
CIE _{Lab}	72.49, 13.68, 4.56
CIE _{LCh}	72, 14.415, 18.430
Yxy	44.3983, 0.3463, 0.3278
Android (android.graphics.Color)	4291733930 (0xFFCEA9AA)
YUV	180.1770, -5.0173, 22.6468
Hunter-Lab	66.6320, 9.0412, 7.3673

Details

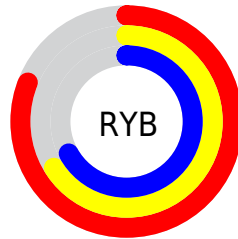
The YIQ color **180.1770, 21.7310, 8.1550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.8230, -21.7310, -8.1550**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.3830, 18.1550, 6.8830**, and **127.2800, 19.9430, 7.5190** is the 20% darker color. If you saturate the color by 10%, you get **165.5700, 33.9260, 12.9180**, and if you desaturate by 10%, it is **194.7840, 9.5360, 3.3920**.

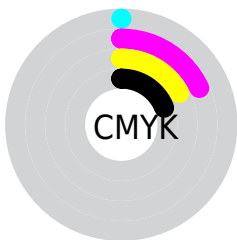
Distribution



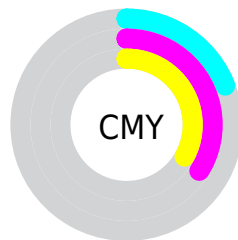
- Red (81%)
- Green (66%)
- Blue (67%)



- Red (81%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.1770, 21.7310, 8.1550 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 180.1770, 21.7310, 8.1550 by changing the saturation by 10% instead.

 180.1770, 21.7310,
8.1550


 180.1770, 21.7310,
8.1550


255.0000, -0.0000,
-0.0000


 152.9920, 20.8140,
8.2540


 233.3830, 18.1550,
6.8830


 127.2800, 19.9430,
7.5190

 253.7120, 0.8710,
0.7350

 101.9810, 19.3470,
7.3070

 77.7960, 18.4300,
7.4060

 54.7850, 16.9630,
6.4590

 33.3010, 15.4500,
6.3460

 9.8670, 19.6680,

6.9960

0.0000, 0.0000,
0.0000

180.1770, 21.7310,
8.1550

180.1770, 21.7310,
8.1550

165.5700, 33.9260,
12.9180

194.7840, 9.5360,
3.3920

151.5500, 45.8460,
17.1580

208.8040, -2.3840,
-0.8480

136.9430, 58.0410,
21.9210

223.4110,
-14.5790, -5.6110

122.9230, 69.9610,
26.1610

237.4310,
-26.4990, -9.8510

108.3160, 82.1560,
30.9240

240.3490,
-29.2040, -10.3880

■ 93.7090, 94.3510,
35.6870

■ 79.6890, 106.2710,
39.9270

■ 65.0820, 118.4660,
44.6900

■ 62.2780, 120.8500,
45.5380

Harmonies

Analogous

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



180.4630, 15.1740, 11.3500



180.1770, 21.7310, 8.1550



179.2000, 22.9240, 3.0520

Triad

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



180.1770, 21.7310, 8.1550



174.9960, -3.3450, -10.9690



176.6310, -20.7700, 1.9660

Complementary

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



180.1770, 21.7310, 8.1550



194.8230, -21.7310, -8.1550

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.



174.1200, -26.8210, -4.0130



180.1770, 21.7310, 8.1550



173.3520, -16.0910, -11.2510

Square

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



180.1770, 21.7310, 8.1550



176.3350, 8.9420, -7.8740



173.4420, -25.0320, -8.9040



178.4800, -9.8590, 7.9730

Rectangle

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



180.1770, 21.7310, 8.1550



178.5970, 20.1280, -1.3440



173.4420, -25.0320, -8.9040



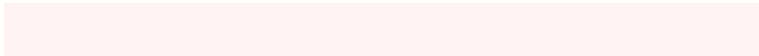
175.6090, -23.7040, 0.0720

Sweetspot

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



180.1770, 21.7310, 8.1550



246.0010, 7.4270, 3.0670



183.9820, 9.5790, 19.1390



122.3920, 4.7680, 1.6960



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.



180.1770, 21.7310, 8.1550



215.8580, 33.0550, 12.1830



190.0420, 17.3770, -1.0470



94.9900, 5.9600, 2.1200



50.2040, 97.3310, 36.7470



11.4760, 22.3270, 8.3670

Inverse Universe

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



180.1770, 21.7310, 8.1550



215.8580, 33.0550, 12.1830



184.9580, -17.3770, 1.0470



94.9900, 5.9600, 2.1200



50.2040, 97.3310, 36.7470



11.4760, 22.3270, 8.3670

Previews

White Background



This preview shows how the YIQ color 180.1770, 21.7310, 8.1550 looks on a white background.

Color Contrast Check

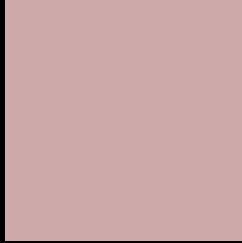
Large Text (above 18pt) WCAG AA × Fail

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 180.1770, 21.7310, 8.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

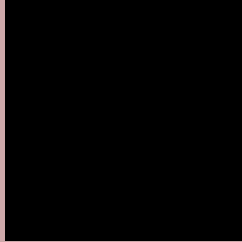
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.1770, 21.7310, 8.1550

Background



This preview shows how black text looks on a background with the YIQ color 180.1770, 21.7310, 8.1550.



This preview shows how white text looks on a background with the YIQ color 180.1770, 21.7310,

8.1550.

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

180.1770, 21.7310, 8.1550

Protanopia

178.2670, 3.6220, 0.4380

Deuteranopia

179.4320, 16.4590, 4.5790



Tritanopia

180.4420, 19.6670, 12.5230

Trichromacy



Original Color

180.1770, 21.7310, 8.1550

Protanomaly

178.9690, 10.4530, 3.2930

Deuteranomaly

179.7420, 18.5220, 5.7380

Tritanomaly

180.5730, 20.6760, 10.7560

Monochromacy



Original Color

180.1770, 21.7310, 8.1550

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1770, 21.7310, 8.1550 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(206, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(206, 169, 170)  
}
```

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(206, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 169, 170) }
```

Border

The CSS property to change the border of an element to YIQ 180.1770, 21.7310, 8.1550 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(206, 169, 170) }
```


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

```
.border{ border-color:rgb(206, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(206, 169,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1770, 21.7310, 8.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 169, 170) }
```

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

```
.background{ background-color: rgb(206,  
169, 170) }
```

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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