

Converting Colors

YIQ(179.5210, 8.1180, -14.9700)

Have a look what the booklet for
YIQ(179.5210, 8.1180, -14.9700)
contains.

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Color

**YIQ(179.5210, 8.1180,
-14.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BB91
RGB	178, 187, 145
RGB Percent	70%, 73%, 57%
CMY	0.3020, 0.2666, 0.4313
CMYK	0.05, 0.00, 0.22, 0.27
HSL	73°, 24%, 65%
HSV	73°, 22%, 73%
XYZ	41.2405, 47.0506, 33.7028
YIQ	179.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

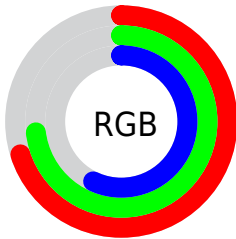
Format	Color
R_{YB}	145, 187, 154
Decimal	11713425
CIE Lab	74.22, -10.36, 20.27
CIE LCh	74, 22.760, 117.077
Yxy	47.0506, 0.3381, 0.3857
Android (android.graphics.Color)	4289903505 (0xFFB2BB91)
YUV	179.5210, -17.0189, -1.3339
Hunter-Lab	68.5934, -12.7187, 18.8838

Details

The YIQ color $179.5210, 8.1180, -14.9700$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $152.4790, -8.1180, 14.9700$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.2930, 8.7600, -15.5920$, and $126.7490, 7.4760, -14.3480$ is the 20% darker color. If you saturate the color by 10%, you get $176.1590, 11.8330, -21.7270$, and if you desaturate by 10%, it is $182.8830, 4.4030, -8.2130$.

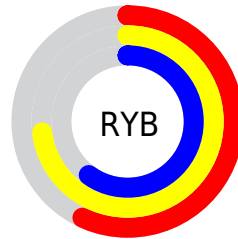
Distribution



Red (70%)

Green (73%)

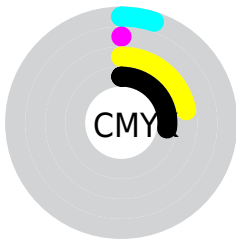
Blue (57%)



Red (57%)

Yellow (73%)

Blue (60%)

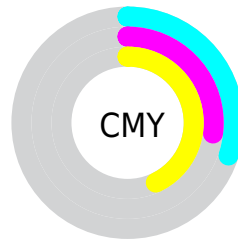


Cyan (5%)

Magenta (0%)

Yellow (22%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.5210, 8.1180, -14.9700 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 179.5210, 8.1180, -14.9700 by changing the saturation by 10% instead.

■ 179.5210, 8.1180,
-14.9700

■ 179.5210, 8.1180,
-14.9700

■ 255.0000, -0.0000,
-0.0000

■ 152.6350, 7.7970,
-14.6590

■ 235.2930, 8.7600,
-15.5920

■ 126.7490, 7.4760,
-14.3480

■ 251.8080, 8.9880,
-8.7080

■ 101.8630, 7.1550,
-14.0370

■ 77.2050, 6.1920,
-13.1040

■ 54.3190, 5.8710,
-12.7930

■ 32.2760, 7.4300,
-13.5140

■ 11.7400, -5.5000,

-10.4600

■ 0.0000, 0.0000,
0.0000

■ 179.5210, 8.1180,
-14.9700

■ 179.5210, 8.1180,
-14.9700

■ 176.1590, 11.8330,
-21.7270

■ 182.8830, 4.4030,
-8.2130

■ 172.9110, 15.2270,
-28.1730

■ 186.1310, 1.0090,
-1.7670

■ 169.5490, 18.9420,
-34.9300

■ 189.4930, -2.7060,
4.9900

■ 166.1870, 22.6570,
-41.6870

■ 192.8550, -6.4210,
11.7470

■ 162.9390, 26.0510,
-48.1330

■ 196.2170,
-10.1360, 18.5040

■ 159.5770, 29.7660,
-54.8900

■ 199.2370,
-12.8880, 24.3280

■ 156.2150, 33.4810,
-61.6470

■ 200.4330,
-10.5040, 25.1760

■ 153.7220, 36.1870,
-66.6370

■ 201.6290, -8.1200,
26.0240

■ 202.8250, -5.7360,
26.8720

Harmonies

Analogous

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



181.5340, 24.4390, -7.8890



179.5210, 8.1180, -14.9700



176.8760, -12.0550, -18.3190

Triad

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



179.5210, 8.1180, -14.9700



176.3230, -43.5100, -4.4220



186.0840, 26.7270, 16.7350

Complementary

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



179.5210, 8.1180, -14.9700



152.4790, -8.1180, 14.9700

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.



186.0530, 10.8170, 18.7290



179.5210, 8.1180, -14.9700



180.4760, -30.3990, 5.7690

Square

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



179.5210, 8.1180, -14.9700



173.8680, -43.9670, -12.6630



184.2830, -10.5020, 14.1220



185.4730, 35.5770, 10.5290

Rectangle

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



179.5210, 8.1180, -14.9700



175.3460, -25.1220, -18.2900



184.2830, -10.5020, 14.1220



186.5720, 22.4170, 17.7530

Sweetspot

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



179.5210, 8.1180, -14.9700



239.1650, 3.6690, -5.9230



162.2540, 22.8320, 4.7200



120.3760, 1.6970, -3.2230



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



179.5210, 8.1180, -14.9700



230.4040, 12.5210, -23.1830



173.5410, -3.8020, -19.2100



92.3760, 1.6970, -3.2230



129.8220, 30.4540, -56.3460



25.3730, 5.7790, -11.1250

Inverse Universe

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



152.4790, -8.1180, 14.9700



188.5960, -12.5210, 23.1830



158.4590, 3.8020, 19.2100



86.6240, -1.6970, 3.2230



28.1780, -30.4540, 56.3460



5.6270, -5.7790, 11.1250

Previews

White Background



This preview shows how the YIQ color 179.5210, 8.1180, -14.9700 looks on a white background.

Color Contrast Check

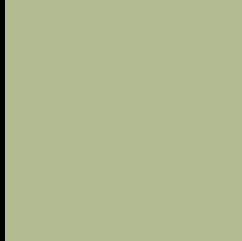
Large Text (above 18pt) WCAG AA × Fail

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 179.5210, 8.1180, -14.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

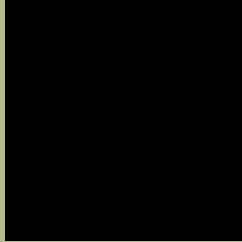
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

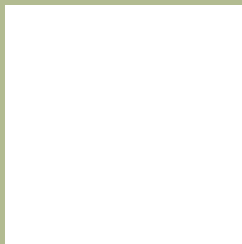
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 179.5210, 8.1180, -14.9700

Background



This preview shows how black text looks on a background with the YIQ color 179.5210, 8.1180, -14.9700.



This preview shows how white text looks on a background with the YIQ color 179.5210, 8.1180,

-14.9700.

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

179.5210, 8.1180, -14.9700

Protanopia

181.1420, 19.6710, -9.5850

Deuteranopia

182.8710, 31.0400, -0.8640



Tritanopia

183.2050, -1.8350, 5.7250

Trichromacy



Original Color

179.5210, 8.1180, -14.9700

Protanomaly

180.6360, 15.2240, -11.5920

Deuteranomaly

181.5170, 23.1090, -5.8110

Tritanomaly

182.0170, 1.3300, -2.0780

Monochromacy



Original Color

179.5210, 8.1180, -14.9700

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9800, 2.7520, -5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.5210, 8.1180, -14.9700 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(178, 187, 145)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 145)  
}
```

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(178, 187, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 145) }
```

Border

The CSS property to change the border of an element to YIQ 179.5210, 8.1180, -14.9700 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(178, 187, 145) }
```


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

```
.border{ border-color:rgb(178, 187, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 145);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 179.5210, 8.1180, -14.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 145) }
```

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

```
.background{ background-color: rgb(178,  
187, 145) }
```

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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