

Converting Colors

YIQ(178.0700, 20.1740, -2.1780)

Have a look what the booklet for
YIQ(178.0700, 20.1740, -2.1780)
contains.

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Color

**YIQ(178.0700, 20.1740,
-2.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AE98
RGB	196, 174, 152
RGB Percent	77%, 68%, 60%
CMY	0.2313, 0.3177, 0.4038
CMYK	0.00, 0.11, 0.22, 0.23
HSL	30°, 27%, 68%
HSV	30°, 22%, 77%
XYZ	43.5713, 44.2734, 35.9656
YIQ	178.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

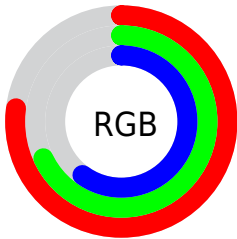
Format	Color
RYB	196, 196, 152
Decimal	12889752
CIELab	72.41, 4.45, 14.18
CIELCh	72, 14.861, 72.585
Yxy	44.2734, 0.3519, 0.3576
Android (android.graphics.Color)	4291079832 (0xFFC4AE98)
YUV	178.0700, -12.8525, 15.7246
Hunter-Lab	66.5383, 0.4453, 14.5291

Details

The YIQ color $178.0700, 20.1740, -2.1780$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $169.9300, -20.1740, 2.1780$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.5540, 21.6870, -2.0650$, and $125.5860, 18.6610, -2.2910$ is the 20% darker color. If you saturate the color by 10%, you get $169.9200, 29.3440, -3.1680$, and if you desaturate by 10%, it is $186.2200, 11.0040, -1.1880$.

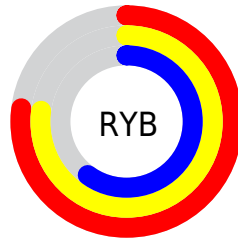
Distribution



Red (77%)

Green (68%)

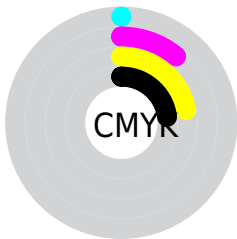
Blue (60%)



Red (77%)

Yellow (77%)

Blue (60%)

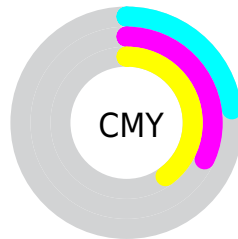


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0700, 20.1740, -2.1780 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 178.0700, 20.1740, -2.1780 by changing the saturation by 10% instead.

■ 178.0700, 20.1740,
-2.1780

■ 178.0700, 20.1740,
-2.1780

255.0000, -0.0000,
-0.0000

■ 151.1840, 19.8530,
-1.8670

■ 233.5540, 21.6870,
-2.0650

■ 125.5860, 18.6610,
-2.2910

■ 252.7200, 6.4200,
-6.2200

■ 100.4010, 17.7440,
-2.1920

■ 76.2160, 16.8270,
-2.0930

■ 53.7320, 15.3140,
-2.2060

■ 32.0200, 14.4430,
-2.9410

■ 9.2140, 11.1410,

1.8370

■ 0.0000, 0.0000,
0.0000

■ 178.0700, 20.1740,
-2.1780

■ 178.0700, 20.1740,
-2.1780

■ 169.9200, 29.3440,
-3.1680

■ 186.2200, 11.0040,
-1.1880

■ 161.8840, 38.1930,
-3.8470

■ 194.2560, 2.1550,
-0.5090

■ 154.3210, 47.0880,
-5.3600

■ 201.8190, -6.7400,
1.0040

■ 146.2850, 55.9370,
-6.0390

■ 209.8550,
-15.5890, 1.6830

■ 138.1350, 65.1070,
-7.0290

■ 218.0050,
-24.7590, 2.6730

■ 129.9850, 74.2770,
-8.0190

■ 224.4450,
-29.1140, -1.0020

■ 121.9490, 83.1260,
-8.6980

■ 230.3150,
-31.8640, -6.2320

■ 116.1300, 89.8660,
-9.7020

■ 235.5980,
-34.3390, -10.9390

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



179.3250, 24.0700, 4.3100



178.0700, 20.1740, -2.1780



176.1180, 11.0510, -7.5490

Triad

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



178.0700, 20.1740, -2.1780



173.1000, -24.0690, -9.8370



179.4490, 0.5940, 11.2660

Complementary

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



178.0700, 20.1740, -2.1780



169.9300, -20.1740, 2.1780

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.



177.9850, -12.8390, 6.9130



178.0700, 20.1740, -2.1780



173.2940, -27.3710, -5.0590

Square

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



178.0700, 20.1740, -2.1780



173.6080, -13.9360, -11.7600



175.4350, -23.1540, 1.1180



180.2070, 13.0190, 11.8590

Rectangle

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



178.0700, 20.1740, -2.1780



175.3450, 2.9820, -9.9940



175.4350, -23.1540, 1.1180



179.3560, -3.5780, 9.7820

Sweetspot

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



178.0700, 20.1740, -2.1780



247.6650, 8.2530, -0.8910



167.7780, 18.8410, 16.4810



123.2240, 5.1810, -0.2830



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.



178.0700, 20.1740, -2.1780



227.1760, 31.4990, -3.6770



190.3970, 14.3990, -13.1610



92.9250, 4.5850, -0.4950



95.0990, 73.9560, -7.7080



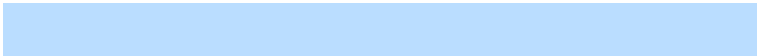
19.8460, 14.9930, -1.8950

Inverse Universe

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



169.9300, -20.1740, 2.1780



214.4110, -31.7740, 3.1540



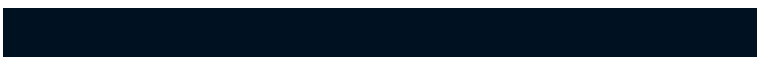
157.6030, -14.3990, 13.1610



91.0750, -4.5850, 0.4950



65.3140, -73.6810, 8.2310



13.7410, -15.2680, 1.3720

Previews

White Background



This preview shows how the YIQ color 178.0700, 20.1740, -2.1780 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 178.0700, 20.1740, -2.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

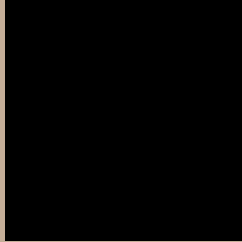
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.0700, 20.1740, -2.1780

Background



This preview shows how black text looks on a background with the YIQ color 178.0700, 20.1740, -2.1780.



This preview shows how white text looks on a background with the YIQ color 178.0700, 20.1740,

-2.1780.

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

178.0700, 20.1740, -2.1780

Protanopia

177.0690, 12.7470, -5.2450

Deuteranopia

178.8150, 25.4460, 1.3980



Tritanopia

180.4520, 13.7070, 10.4030

Trichromacy



Original Color

178.0700, 20.1740, -2.1780

Protanomaly

177.5640, 15.7270, -4.1850

Deuteranomaly

178.5050, 23.3830, 0.2390

Tritanomaly

179.4860, 16.3670, 6.2470

Monochromacy



Original Color

178.0700, 20.1740, -2.1780

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.4800, 7.3360, -0.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0700, 20.1740, -2.1780 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(196, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 152)  
}
```

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(196, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 152) }
```

Border

The CSS property to change the border of an element to YIQ 178.0700, 20.1740, -2.1780 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(196, 174, 152) }
```


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

```
.border{ border-color:rgb(196, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0700, 20.1740, -2.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 152) }
```

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

```
.background{ background-color: rgb(196,  
174, 152) }
```

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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