

Converting Colors

YIQ(178.7830, 19.3040, -8.4400)

Have a look what the booklet for
YIQ(178.7830, 19.3040, -8.4400)
contains.

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Color

**YIQ(178.7830, 19.3040,
-8.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B38F
RGB	192, 179, 143
RGB Percent	75%, 70%, 56%
CMY	0.2470, 0.2980, 0.4391
CMYK	0.00, 0.07, 0.26, 0.25
HSL	44°, 28%, 66%
HSV	44°, 26%, 75%
XYZ	42.8177, 45.4287, 32.5091
YIQ	178.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

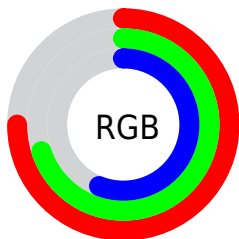
Format	Color
RYB	161, 192, 143
Decimal	12628879
CIELab	73.17, -1.07, 20.07
CIELCh	73, 20.102, 93.062
Yxy	45.4287, 0.3546, 0.3762
Android (android.graphics.Color)	4290818959 (0xFFC0B38F)
YUV	178.7830, -17.6410, 11.5913
Hunter-Lab	67.4008, -4.5558, 18.5835

Details

The YIQ color **178.7830, 19.3040, -8.4400** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **156.2170, -19.3040, 8.4400**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.8540, 20.5420, -8.8500**, and **125.7120, 18.0660, -8.0300** is the 20% darker color. If you saturate the color by 10%, you get **173.6820, 26.7780, -11.7340**, and if you desaturate by 10%, it is **183.8840, 11.8300, -5.1460**.

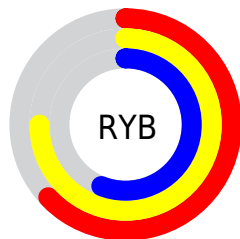
Distribution



Red (75%)

Green (70%)

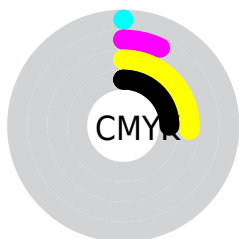
Blue (56%)



Red (63%)

Yellow (75%)

Blue (56%)

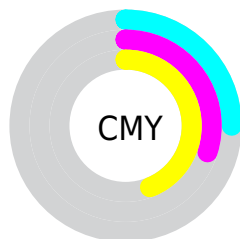


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7830, 19.3040, -8.4400 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 178.7830, 19.3040, -8.4400 by changing the saturation by 10% instead.

■ 178.7830, 19.3040,
-8.4400

■ 178.7830, 19.3040,
-8.4400

255.0000, -0.0000,
-0.0000

■ 151.8970, 18.9830,
-8.1290

■ 234.8540, 20.5420,
-8.8500

■ 125.8260, 17.7450,
-7.7190

■ 251.5800, 9.6300,
-9.3300

■ 100.6410, 16.8280,
-7.6200

254.8860, 0.3210,
-0.3110

■ 77.0430, 15.6360,
-8.0440

■ 53.9720, 14.3980,
-7.6340

■ 32.2170, 15.0860,
-9.0900

■ 11.2300, 5.0440,

-3.3080

■ 0.0000, 0.0000,
0.0000

■ 178.7830, 19.3040,
-8.4400

■ 178.7830, 19.3040,
-8.4400

■ 173.6820, 26.7780,
-11.7340

■ 183.8840, 11.8300,
-5.1460

■ 168.5810, 34.2520,
-15.0280

■ 188.9850, 4.3560,
-1.8520

■ 163.3660, 42.0470,
-18.6330

■ 194.2000, -3.4390,
1.7530

■ 158.2650, 49.5210,
-21.9270

■ 199.3010,
-10.9130, 5.0470

■ 153.1640, 56.9950,
-25.2210

■ 204.4020,
-18.3870, 8.3410

■ 147.4760, 64.7440,
-27.9920

■ 209.7480,
-25.1730, 10.1790

■ 142.3750, 72.2180,
-31.2860

■ 212.6830,
-26.5480, 7.5640

■ 140.1750, 75.6570,
-33.0390

■ 215.6180,
-27.9230, 4.9490

■ 218.5530,
-29.2980, 2.3340

Harmonies

Analogous

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



180.5010, 29.2060, -0.6660



178.7830, 19.3040, -8.4400



177.0090, 3.8080, -13.9520

Triad

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



178.7830, 19.3040, -8.4400



172.4990, -38.3740, -9.3980



182.9560, 12.4680, 16.3400

Complementary

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



178.7830, 19.3040, -8.4400



156.2170, -19.3040, 8.4400

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.



181.3930, -5.0000, 13.5280



178.7830, 19.3040, -8.4400



175.2100, -35.7620, -1.6660

Square

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



178.7830, 19.3040, -8.4400



172.5290, -29.8910, -14.4590



179.0100, -23.1550, 6.6450



183.2040, 26.2690, 14.0210

Rectangle

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



178.7830, 19.3040, -8.4400



175.4960, -7.9290, -16.0010



179.0100, -23.1550, 6.6450



183.2050, 7.3330, 15.7890

Sweetspot

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



178.7830, 19.3040, -8.4400



244.7850, 7.7950, -3.6050



159.1330, 25.0310, 14.4310



121.7570, 4.9980, -2.4740



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



178.7830, 19.3040, -8.4400



228.7810, 30.8130, -13.2750



183.1250, 9.1730, -17.5710



94.0990, 4.0350, -1.5410



117.4050, 63.5060, -27.5820



23.9550, 13.0680, -5.5560

Inverse Universe

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



156.2170, -19.3040, 8.4400



193.2190, -30.8130, 13.2750



151.8750, -9.1730, 17.5710



89.9010, -4.0350, 1.5410



43.5950, -63.5060, 27.5820



9.0450, -13.0680, 5.5560

Previews

White Background



This preview shows how the YIQ color 178.7830, 19.3040, -8.4400 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 178.7830, 19.3040, -8.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

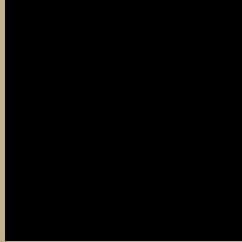
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7830, 19.3040, -8.4400

Background



This preview shows how black text looks on a background with the YIQ color 178.7830, 19.3040, -8.4400.



This preview shows how white text looks on a background with the YIQ color 178.7830, 19.3040,

-8.4400.

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

178.7830, 19.3040, -8.4400

Protanopia

178.4840, 18.7080, -8.6520

Deuteranopia

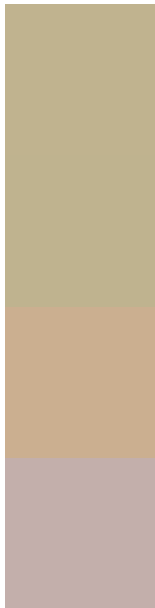
180.4580, 30.7650, -1.3870



Tritanopia

181.7720, 9.8100, 9.4420

Trichromacy



Original Color

178.7830, 19.3040, -8.4400

Protanomaly

178.4840, 18.7080, -8.6520

Deuteranomaly

179.8380, 26.6390, -3.7050

Tritanomaly

180.5240, 13.2040, 2.9960

Monochromacy



Original Color

178.7830, 19.3040, -8.4400

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0130, 7.1530, -2.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7830, 19.3040, -8.4400 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(192, 179, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 143)  
}
```

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(192, 179, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 143) }
```

Border

The CSS property to change the border of an element to YIQ 178.7830, 19.3040, -8.4400 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(192, 179, 143) }
```


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

```
.border{ border-color:rgb(192, 179, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7830, 19.3040, -8.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 143) }
```

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

```
.background{ background-color: rgb(192,  
179, 143) }
```

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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