

Converting Colors

YIQ(179.8360, 28.9800,
-18.6040)

Have a look what the booklet for
YIQ(179.8360, 28.9800, -18.6040)
contains.

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Color

**YIQ(179.8360, 28.9800,
-18.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B874
RGB	196, 184, 116
RGB Percent	77%, 72%, 45%
CMY	0.2314, 0.2784, 0.5449
CMYK	0.00, 0.06, 0.41, 0.23
HSL	51°, 40%, 61%
HSV	51°, 41%, 77%
XYZ	43.0583, 47.2760, 23.3918
YIQ	179.8360, 28.9800, -18.6040

Conversions

Conversions Part 2

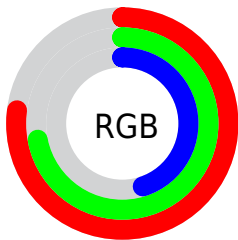
Format	Color
RYB	130, 196, 116
Decimal	12892276
CIELab	74.37, -5.50, 36.02
CIElCh	74, 36.437, 98.679
Yxy	47.2760, 0.3786, 0.4157
Android (android.graphics.Color)	4291082356 (0xFFC4B874)
YUV	179.8360, -31.4711, 14.1758
Hunter-Lab	68.7576, -8.5430, 27.9594

Details

The YIQ color **179.8360, 28.9800, -18.6040** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **132.1640, -28.9800, 18.6040**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0920, 31.1350, -19.1130**, and **126.5800, 26.8250, -18.0950** is the 20% darker color. If you saturate the color by 10%, you get **175.7950, 36.2250, -23.2550**, and if you desaturate by 10%, it is **183.8770, 21.7350, -13.9530**.

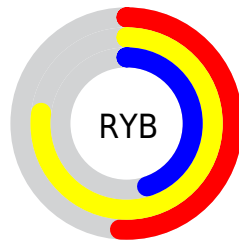
Distribution



Red (77%)

Green (72%)

Blue (45%)



Red (51%)

Yellow (77%)

Blue (45%)

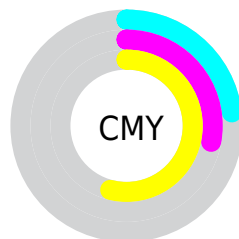


Cyan (0%)

Magenta (6%)

Yellow (41%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8360, 28.9800, -18.6040 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 179.8360, 28.9800, -18.6040 by changing the saturation by 10% instead.

■ 179.8360, 28.9800,
-18.6040

■ 179.8360, 28.9800,
-18.6040

255.0000, -0.0000,
-0.0000

■ 152.7650, 27.7420,
-18.1940

■ 236.0920, 31.1350,
-19.1130

■ 126.5800, 26.8250,
-18.0950

■ 248.2740, 18.9390,
-18.3490

■ 101.0960, 25.3120,
-18.2080

■ 251.5800, 9.6300,
-9.3300

■ 76.4980, 24.1200,
-18.6320

254.8860, 0.3210,
-0.3110

■ 53.7690, 21.9190,
-17.2890

■ 34.2660, 13.3900,
-11.3940

■ 13.5560, 1.0100,

-7.2940

■ 0.0000, 0.0000,
0.0000

■ 179.8360, 28.9800,
-18.6040

■ 179.8360, 28.9800,
-18.6040

■ 175.7950, 36.2250,
-23.2550

■ 183.8770, 21.7350,
-13.9530

■ 171.8680, 43.1490,
-27.5950

■ 187.8040, 14.8110,
-9.6130

■ 167.8270, 50.3940,
-32.2460

■ 191.8450, 7.5660,
-4.9620

■ 163.9000, 57.3180,
-36.5860

■ 195.7720, 0.6420,
-0.6220

■ 159.8590, 64.5630,
-41.2370

■ 199.8130, -6.6030,
4.0290

■ 156.6330, 70.8910,
-45.7890

■ 203.8540,
-13.8480, 8.6800

■ 207.7810,
-20.7720, 13.0200

■ 209.7700,
-22.2390, 12.0730

■ 210.9440,
-22.7890, 11.0270

Harmonies

Analogous

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



182.9190, 48.2800, -4.9360



179.8360, 28.9800, -18.6040



175.6520, -0.0410, -26.8010

Triad

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



179.8360, 28.9800, -18.6040



160.5880, -90.2730, -21.4810



187.8860, 27.8250, 29.8810

Complementary

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



179.8360, 28.9800, -18.6040



132.1640, -28.9800, 18.6040

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.



186.9670, -3.2600, 26.0520



179.8360, 28.9800, -18.6040



170.5230, -73.3120, -3.9680

Square

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



179.8360, 28.9800, -18.6040



163.1970, -70.4190, -28.8750



181.2550, -39.6620, 13.9540



186.1470, 48.7790, 24.5790

Rectangle

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



179.8360, 28.9800, -18.6040



172.7510, -22.3690, -29.6410



181.2550, -39.6620, 13.9540



187.5090, 18.7010, 30.0370

Sweetspot

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



179.8360, 28.9800, -18.6040



248.5310, 11.3260, -7.0260



141.4020, 43.5070, 21.0030



124.1870, 6.6030, -4.0290



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.



179.8360, 28.9800, -18.6040



229.5970, 45.3500, -28.9380



178.8070, 9.5880, -30.6040



94.6860, 3.7600, -2.0640



128.5580, 58.2810, -37.5190



26.3030, 11.9680, -7.6480

Inverse Universe

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



132.1640, -28.9800, 18.6040



155.4030, -45.3500, 28.9380



133.1930, -9.5880, 30.6040



89.3140, -3.7600, 2.0640



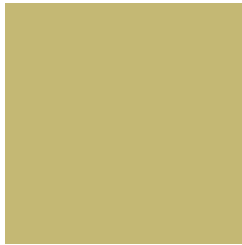
32.4420, -58.2810, 37.5190



6.6970, -11.9680, 7.6480

Previews

White Background



This preview shows how the YIQ color 179.8360, 28.9800, -18.6040 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 179.8360, 28.9800, -18.6040 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 179.8360, 28.9800, -18.6040

Background



This preview shows how black text looks on a background with the YIQ color 179.8360, 28.9800, -18.6040.



This preview shows how white text looks on a background with the YIQ color 179.8360, 28.9800, -18.6040.

-18.6040.

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

179.8360, 28.9800, -18.6040

Protanopia

180.1460, 31.0430, -17.4450

Deuteranopia

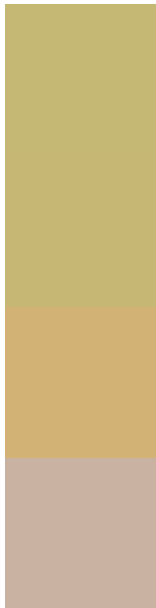
181.9570, 45.1170, -8.1870



Tritanopia

185.2670, 12.7900, 10.5020

Trichromacy



Original Color

179.8360, 28.9800, -18.6040

Protanomaly

179.8470, 30.4470, -17.6570

Deuteranomaly

180.9130, 39.2490, -11.9750

Tritanomaly

183.0530, 18.8440, -0.1000

Monochromacy



Original Color

179.8360, 28.9800, -18.6040

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.7590, 10.6840, -6.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8360, 28.9800, -18.6040 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, 184, 116)` looks like.

```
.text, #text, p{  
    color:rgb(196, 184, 116)  
}
```

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, 184, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 184, 116) }
```

Border

The CSS property to change the border of an element to YIQ 179.8360, 28.9800, -18.6040 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, 184, 116) }
```


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

```
.border{ border-color:rgb(196, 184, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 184, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 184, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 184, 116);  
box-shadow:4px 4px 4px 4px rgb(196, 184,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8360, 28.9800, -18.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 184, 116) }
```

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

```
.background{ background-color: rgb(196,  
184, 116) }
```

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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