

Converting Colors

YIQ(187.3630, 28.9340,
-17.7700)

Have a look what the booklet for
YIQ(187.3630, 28.9340, -17.7700)
contains.

YIQ(187.3630, 28.9340, -17.7700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(187.3630, 28.9340,
-17.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBF7D
RGB	204, 191, 125
RGB Percent	80%, 75%, 49%
CMY	0.2000, 0.2510, 0.5096
CMYK	0.00, 0.06, 0.39, 0.20
HSL	50°, 44%, 65%
HSV	50°, 39%, 80%
XYZ	47.2351, 51.5779, 26.8822
YIQ	187.3630, 28.9340, -17.7700

Conversions

Conversions Part 2

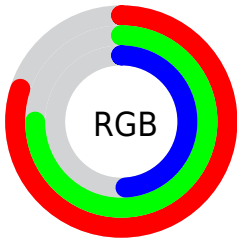
Format	Color
RYB	141, 204, 125
Decimal	13418365
CIELab	77.03, -4.94, 34.93
CIELCh	77, 35.272, 98.044
Yxy	51.5779, 0.3758, 0.4103
Android (android.graphics.Color)	4291608445 (0xFFCCBF7D)
YUV	187.3630, -30.7450, 14.5906
Hunter-Lab	71.8178, -8.2803, 28.0795

Details

The YIQ color $187.3630, 28.9340, -17.7700$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $141.6370, -28.9340, 17.7700$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5260, 26.9170, -19.7630$, and $133.8080, 26.1830, -17.4730$ is the 20% darker color. If you saturate the color by 10%, you get $183.3220, 36.1790, -22.4210$, and if you desaturate by 10%, it is $191.4040, 21.6890, -13.1190$.

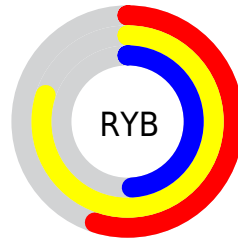
Distribution



Red (80%)

Green (75%)

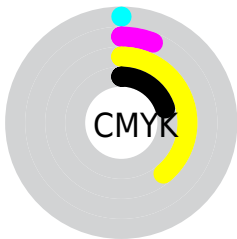
Blue (49%)



Red (55%)

Yellow (80%)

Blue (49%)

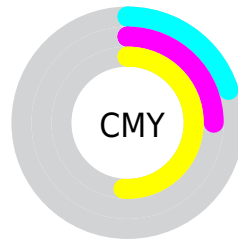


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3630, 28.9340, -17.7700 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 187.3630, 28.9340, -17.7700 by changing the saturation by 10% instead.

■ 187.3630, 28.9340,
-17.7700

■ 187.3630, 28.9340,
-17.7700

255.0000, -0.0000,
-0.0000

■ 160.2920, 27.6960,
-17.3600

■ 241.5260, 26.9170,
-19.7630

■ 133.8080, 26.1830,
-17.4730

■ 249.4140, 15.7290,
-15.2390

■ 108.0360, 25.5410,
-16.8510

■ 252.7200, 6.4200,
-6.2200

■ 83.4380, 24.3490,
-17.2750

■ 59.6120, 23.7990,
-18.3210

■ 39.2940, 16.1870,
-12.5250

■ 20.0790, 6.7870,

-7.3650

■ 0.0000, 0.0000,
0.0000

■ 187.3630, 28.9340,
-17.7700

■ 187.3630, 28.9340,
-17.7700

■ 183.3220, 36.1790,
-22.4210

■ 191.4040, 21.6890,
-13.1190

■ 178.5800, 44.0200,
-26.8600

■ 196.1460, 13.8480,
-8.6800

■ 174.5390, 51.2650,
-31.5110

■ 200.1870, 6.6030,
-4.0290

■ 170.3840, 58.8310,
-36.4730

■ 204.3420, -0.9630,
0.9330

■ 165.7560, 66.3510,
-40.6010

■ 208.9700, -8.4830,
5.0610

■ 161.7150, 73.5960,
-45.2520

■ 213.0110,
-15.7280, 9.7120

■ 160.7860, 74.8340,
-45.6620

■ 216.2710,
-19.3960, 10.1080

■ 218.0320,
-20.2210, 8.5390

■ 219.7930,
-21.0460, 6.9700

Harmonies

Analogous

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



190.1470, 47.6380, -4.3140



187.3630, 28.9340, -17.7700



183.3640, 0.8300, -26.0660

Triad

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



187.3630, 28.9340, -17.7700



170.6490, -83.0750, -19.7710



195.1740, 26.9540, 29.1460

Complementary

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



187.3630, 28.9340, -17.7700



141.6370, -28.9340, 17.7700

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.



194.2550, -4.1310, 25.3170



187.3630, 28.9340, -17.7700



178.7900, -69.6900, -3.5300

Square

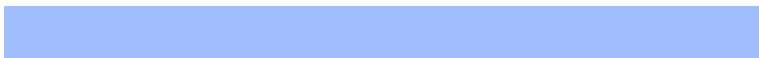
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187.3630, 28.9340, -17.7700



172.4750, -65.3300, -27.4900



188.3260, -38.4240, 13.5440



193.5490, 47.5870, 24.1550

Rectangle

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



187.3630, 28.9340, -17.7700



180.7620, -20.9020, -28.6940



188.3260, -38.4240, 13.5440



195.3840, 17.5550, 28.7790

Sweetspot

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



187.3630, 28.9340, -17.7700



248.5310, 11.3260, -7.0260



150.1030, 42.9110, 20.7910



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.



187.3630, 28.9340, -17.7700



230.5090, 42.7820, -26.4500



187.2200, 9.8630, -30.0810



99.6860, 3.7600, -2.0640



130.6400, 60.9860, -36.9820



30.1460, 13.8480, -8.6800

Inverse Universe

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



141.6370, -28.9340, 17.7700



162.4910, -42.7820, 26.4500



141.7800, -9.8630, 30.0810



93.7270, -3.4850, 2.5870



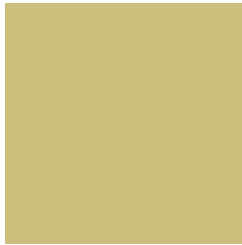
34.7730, -60.7110, 37.5050



7.8540, -13.8480, 8.6800

Previews

White Background



This preview shows how the YIQ color 187.3630, 28.9340, -17.7700 looks on a white background.

Color Contrast Check

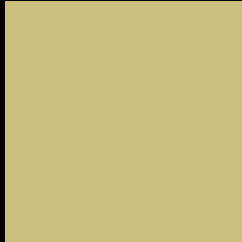
Large Text (above 18pt) WCAG AA × Fail

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 187.3630, 28.9340, -17.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

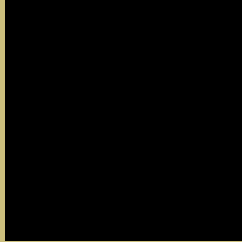
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.3630, 28.9340, -17.7700

Background



This preview shows how black text looks on a background with the YIQ color 187.3630, 28.9340, -17.7700.



This preview shows how white text looks on a background with the YIQ color 187.3630, 28.9340,

-17.7700.

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

187.3630, 28.9340, -17.7700

Protanopia

187.6730, 30.9970, -16.6110

Deuteranopia

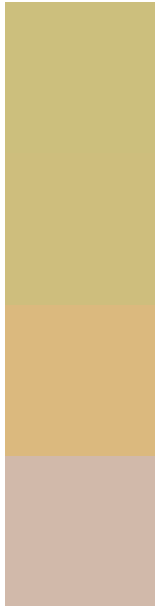
189.4840, 45.0710, -7.3530



Tritanopia

192.5660, 13.3860, 10.7140

Trichromacy



Original Color

187.3630, 28.9340, -17.7700

Protanomaly

187.3740, 30.4010, -16.8230

Deuteranomaly

188.4400, 39.2030, -11.1410

Tritanomaly

190.4660, 19.1190, 0.4230

Monochromacy



Original Color

187.3630, 28.9340, -17.7700

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.7590, 10.6840, -6.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3630, 28.9340, -17.7700 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(204, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 125)  
}
```

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(204, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 125) }
```

Border

The CSS property to change the border of an element to YIQ 187.3630, 28.9340, -17.7700 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(204, 191, 125) }
```


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

```
.border{ border-color:rgb(204, 191, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3630, 28.9340, -17.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 125) }
```

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

```
.background{ background-color: rgb(204,  
191, 125) }
```

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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