

Converting Colors

YIQ(196.1740, 33.8400,
-18.5760)

Have a look what the booklet for
YIQ(196.1740, 33.8400, -18.5760)
contains.

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Color

**YIQ(196.1740, 33.8400,
-18.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C77F
RGB	217, 199, 127
RGB Percent	85%, 78%, 50%
CMY	0.1490, 0.2196, 0.5018
CMYK	0.00, 0.08, 0.41, 0.15
HSL	48°, 54%, 67%
HSV	48°, 41%, 85%
XYZ	52.8707, 57.1285, 28.3356
YIQ	196.1740, 33.8400, -18.5760

Conversions

Conversions Part 2

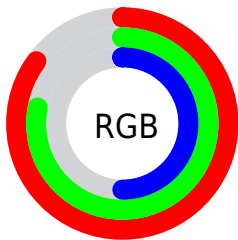
Format	Color
RYB	150, 217, 127
Decimal	14272383
CIELab	80.25, -3.67, 38.26
CIELCh	80, 38.438, 95.479
Yxy	57.1285, 0.3822, 0.4130
Android (android.graphics.Color)	4292462463 (0xFFD9C77F)
YUV	196.1740, -34.1028, 18.2644
Hunter-Lab	75.5834, -7.4099, 30.6811

Details

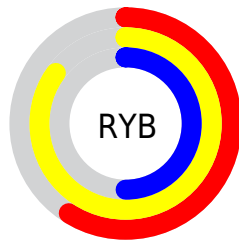
The YIQ color $196.1740, 33.8400, -18.5760$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $147.8260, -33.8400, 18.5760$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.5640, 23.7540, -23.0140$, and $141.9180, 31.6850, -18.0670$ is the 20% darker color. If you saturate the color by 10%, you get $191.3180, 42.0020, -23.3260$, and if you desaturate by 10%, it is $201.0300, 25.6780, -13.8260$.

Distribution



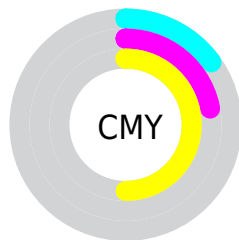
- Red (85%)
- Green (78%)
- Blue (50%)



- Red (59%)
- Yellow (85%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.1740, 33.8400, -18.5760 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 196.1740, 33.8400, -18.5760 by changing the saturation by 10% instead.

■ 196.1740, 33.8400,
-18.5760

■ 196.1740, 33.8400,
-18.5760

255.0000, -0.0000,
-0.0000

■ 168.6900, 32.3270,
-18.6890

■ 246.5640, 23.7540,
-23.0140

■ 141.9180, 31.6850,
-18.0670

■ 249.7560, 14.7660,
-14.3060

■ 116.1350, 29.5760,
-18.3920

■ 252.9480, 5.7780,
-5.5980

■ 90.9500, 28.6590,
-18.2930

■ 66.7110, 27.8340,
-19.8620

■ 45.8060, 20.4970,
-13.5430

■ 26.5910, 11.0970,

-8.3830

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 196.1740, 33.8400,
-18.5760

■ 196.1740, 33.8400,
-18.5760

■ 191.3180, 42.0020,
-23.3260

■ 201.0300, 25.6780,
-13.8260

■ 185.9890, 50.1180,
-27.2420

■ 206.3590, 17.5620,
-9.9100

■ 181.1330, 58.2800,
-31.9920

■ 211.2150, 9.4000,
-5.1600

■ 176.2770, 66.4420,
-36.7420

■ 216.0710, 1.2380,
-0.4100

■ 170.9480, 74.5580,
-40.6580

■ 221.5140, -7.1990,
3.8170

■ 167.0210, 81.4820,
-44.9980

■ 226.0280,
-14.3980, 7.6340

■ 228.3760,
-15.4980, 5.5420

■ 231.3110,
-16.8730, 2.9270

■ 233.6590,
-17.9730, 0.8350

Harmonies

Analogous

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



199.3110, 53.0480, -3.2400



196.1740, 33.8400, -18.5760



191.8650, 3.6730, -28.0310

Triad

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



196.1740, 33.8400, -18.5760



175.3700, -95.5910, -24.2230



204.2820, 26.7700, 32.4820

Complementary

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



196.1740, 33.8400, -18.5760



147.8260, -33.8400, 18.5760

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.



202.2270, -6.9280, 26.4480



196.1740, 33.8400, -18.5760



183.7240, -78.4920, -9.2120

Square

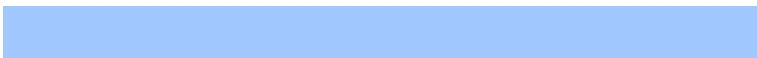
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196.1740, 33.8400, -18.5760



179.4310, -71.1980, -31.2780



194.3100, -41.4950, 8.6250



199.3250, 42.4060, 24.4380

Rectangle

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



196.1740, 33.8400, -18.5760



188.3660, -19.8470, -31.2950



194.3100, -41.4950, 8.6250



203.8940, 16.1790, 31.6910

Sweetspot

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



196.1740, 33.8400, -18.5760



247.9440, 11.6010, -6.5030



156.1900, 47.2200, 25.3000



123.6000, 6.8780, -3.5060



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.



196.1740, 33.8400, -18.5760



225.2600, 47.9170, -25.8990



199.2650, 13.9900, -33.2900



106.9850, 4.3560, -1.8520



133.3200, 64.8830, -36.0210



35.4730, 17.2410, -9.5990

Inverse Universe

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



147.8260, -33.8400, 18.5760



157.1530, -47.6420, 26.4220



145.0340, -13.3940, 33.5020



101.4280, -4.0810, 2.3750



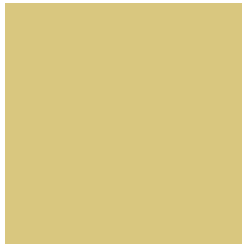
40.2670, -65.1580, 35.4980



10.5270, -17.2410, 9.5990

Previews

White Background



This preview shows how the YIQ color 196.1740, 33.8400, -18.5760 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 196.1740, 33.8400, -18.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

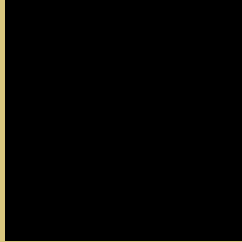
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.1740, 33.8400, -18.5760

Background



This preview shows how black text looks on a background with the YIQ color 196.1740, 33.8400, -18.5760.



This preview shows how white text looks on a background with the YIQ color 196.1740, 33.8400, -18.5760.

-18.5760.

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

196.1740, 33.8400, -18.5760

Protanopia

196.1740, 33.8400, -18.5760

Deuteranopia

197.9960, 49.3810, -8.3710



Tritanopia

202.0610, 16.3660, 11.7740

Trichromacy



Original Color

196.1740, 33.8400, -18.5760

Protanomaly

196.1740, 33.8400, -18.5760

Deuteranomaly

197.2510, 44.1090, -11.9470

Tritanomaly

199.7330, 22.7410, 0.8610

Monochromacy



Original Color

196.1740, 33.8400, -18.5760

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1290, 12.5180, -6.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.1740, 33.8400, -18.5760 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(217, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 127)  
}
```

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(217, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 127) }
```

Border

The CSS property to change the border of an element to YIQ 196.1740, 33.8400, -18.5760 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(217, 199, 127) }
```


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

```
.border{ border-color:rgb(217, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 196.1740, 33.8400, -18.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 127) }
```

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

```
.background{ background-color: rgb(217,  
199, 127) }
```

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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