

Converting Colors

YIQ(208.1420, 36.8660,
-18.3500)

Have a look what the booklet for
YIQ(208.1420, 36.8660, -18.3500)
contains.

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Color

**YIQ(208.1420, 36.8660,
-18.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D288
RGB	232, 210, 136
RGB Percent	91%, 82%, 53%
CMY	0.0902, 0.1765, 0.4665
CMYK	0.00, 0.09, 0.41, 0.09
HSL	46°, 68%, 72%
HSV	46°, 41%, 91%
XYZ	60.7711, 65.0236, 32.6597
YIQ	208.1420, 36.8660, -18.3500

Conversions

Conversions Part 2

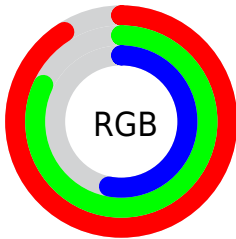
Format	Color
R _Y B	165, 232, 136
Decimal	15258248
CIE Lab	84.50, -2.42, 39.39
CIE LCh	84, 39.464, 93.522
Yxy	65.0236, 0.3835, 0.4104
Android (android.graphics.Color)	4293448328 (0xFFE8D288)
YUV	208.1420, -35.5660, 20.9235
Hunter-Lab	80.6372, -6.5912, 32.4324

Details

The YIQ color $208.1420, 36.8660, -18.3500$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $159.8580, -36.8660, 18.3500$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.5900, 20.8650, -20.2150$, and $153.5870, 34.1150, -18.0530$ is the 20% darker color. If you saturate the color by 10%, you get $202.5850, 45.6240, -22.8880$, and if you desaturate by 10%, it is $213.6990, 28.1080, -13.8120$.

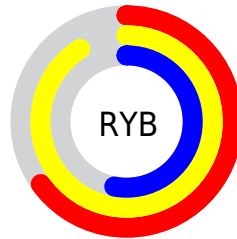
Distribution



Red (91%)

Green (82%)

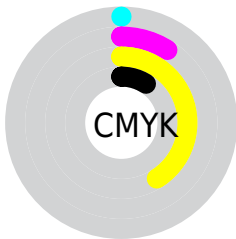
Blue (53%)



Red (65%)

Yellow (91%)

Blue (53%)

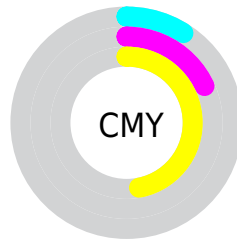


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.1420, 36.8660, -18.3500 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 208.1420, 36.8660, -18.3500 by changing the saturation by 10% instead.

■ 208.1420, 36.8660,
-18.3500

■ 208.1420, 36.8660,
-18.3500

255.0000, -0.0000,
-0.0000

■ 180.0710, 35.6280,
-17.9400

■ 247.5900, 20.8650,
-20.2150

■ 153.5870, 34.1150,
-18.0530

■ 250.7820, 11.8770,
-11.5070

■ 127.1030, 32.6020,
-18.1660

■ 254.0880, 2.5680,
-2.4880

■ 101.6190, 31.0890,
-18.2790

■ 76.7930, 30.5390,
-19.3250

■ 54.6770, 25.1740,
-15.7060

■ 34.8750, 16.0490,

-10.0230

■ 14.4750, 5.7320,
-4.7640

■ 0.0000, 0.0000,
0.0000

■ 208.1420, 36.8660,
-18.3500

■ 208.1420, 36.8660,
-18.3500

■ 202.5850, 45.6240,
-22.8880

■ 213.6990, 28.1080,
-13.8120

■ 196.4410, 54.6570,
-26.9030

■ 219.8430, 19.0750,
-9.7970

■ 190.7700, 63.7360,
-31.7520

■ 225.5140, 9.9960,
-4.9480

■ 185.2130, 72.4940,
-36.2900

■ 231.0710, 1.2380,
-0.4100

■ 179.0690, 81.5270,
-40.3050

■ 237.2150, -7.7950,
3.6050

■ 174.4410, 89.0470,
-44.4330

■ 240.4920,
-10.1330, 1.9230

■ 243.4270,
-11.5080, -0.6920

■ 246.9490,
-13.1580, -3.8300

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



208.4140, 51.2600, -3.8760



208.1420, 36.8660, -18.3500



204.0070, 6.1490, -28.8510

Triad

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



208.1420, 36.8660, -18.3500



186.9460, -97.3330, -25.6930



214.5310, 21.6350, 31.9310

Complementary

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



208.1420, 36.8660, -18.3500



159.8580, -36.8660, 18.3500

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.



212.5490, -5.1390, 21.5570



208.1420, 36.8660, -18.3500



193.1490, -78.4910, -14.7390

Square

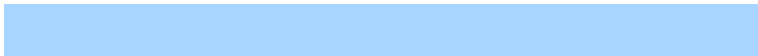
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.1420, 36.8660, -18.3500



191.0890, -70.2350, -32.2110



204.0340, -40.8980, 3.3100



206.7910, 35.1620, 23.5620

Rectangle

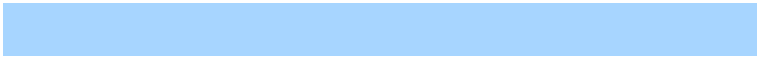
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.1420, 36.8660, -18.3500



200.2090, -17.9670, -32.3270



204.0340, -40.8980, 3.3100



215.9370, 14.6200, 32.4120

Sweetspot

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



208.1420, 36.8660, -18.3500



247.3570, 11.8760, -5.9800



167.2120, 50.1540, 27.1940



123.0130, 7.1530, -2.9830



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.



208.1420, 36.8660, -18.3500



223.4990, 48.7420, -24.3300



213.2820, 15.3200, -35.3680



111.8710, 4.6770, -2.1630



134.5270, 68.7340, -34.2260



38.1420, 19.6710, -9.5850

Inverse Universe

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



159.8580, -36.8660, 18.3500



159.5010, -48.7420, 24.3300



154.7180, -15.3200, 35.3680



106.1290, -4.6770, 2.1630



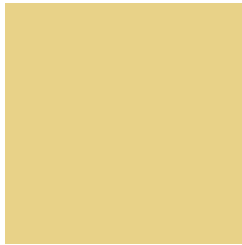
44.4730, -68.7340, 34.2260



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 208.1420, 36.8660, -18.3500 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 208.1420, 36.8660, -18.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

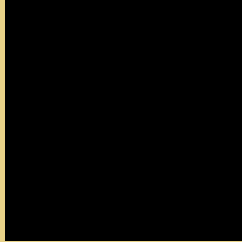
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.1420, 36.8660, -18.3500

Background



This preview shows how black text looks on a background with the YIQ color 208.1420, 36.8660, -18.3500.



This preview shows how white text looks on a background with the YIQ color 208.1420, 36.8660,

-18.3500.

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

208.1420, 36.8660, -18.3500

Protanopia

207.8320, 34.8030, -19.5090

Deuteranopia

210.2520, 51.5360, -8.8800



Tritanopia

213.7840, 18.7040, 13.4560

Trichromacy



Original Color

208.1420, 36.8660, -18.3500

Protanomaly

208.1310, 35.3990, -19.2970

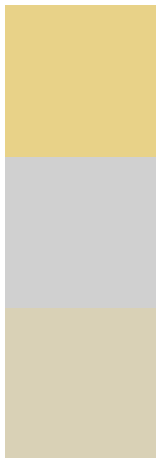
Deuteranomaly

209.5070, 46.2640, -12.4560

Tritanomaly

211.9290, 25.1250, 1.7090

Monochromacy



Original Color

208.1420, 36.8660, -18.3500

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.3140, 13.4350, -6.7010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.1420, 36.8660, -18.3500 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(232, 210, 136)` looks like.

```
.text, #text, p{  
    color:rgb(232, 210, 136)  
}
```

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(232, 210, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 210, 136) }
```

Border

The CSS property to change the border of an element to YIQ 208.1420, 36.8660, -18.3500 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(232, 210, 136) }
```


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

```
.border{ border-color:rgb(232, 210, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 210, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 210, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 210, 136);  
box-shadow:4px 4px 4px 4px rgb(232, 210,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 208.1420, 36.8660, -18.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 210, 136) }
```

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

```
.background{ background-color: rgb(232,  
210, 136) }
```

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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