

Converting Colors

YIQ(208.3060, 15.9130,
-18.5750)

Have a look what the booklet for
YIQ(208.3060, 15.9130, -18.5750)
contains.

YIQ(208.3060, 15.9130, -18.5750)	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(208.3060, 15.9130,
-18.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D89F
RGB	212, 216, 159
RGB Percent	83%, 85%, 62%
CMY	0.1687, 0.1529, 0.3764
CMYK	0.02, 0.00, 0.26, 0.15
HSL	64°, 42%, 74%
HSV	64°, 26%, 85%
XYZ	57.9647, 65.6120, 42.4227
YIQ	208.3060, 15.9130, -18.5750

Conversions

Conversions Part 2

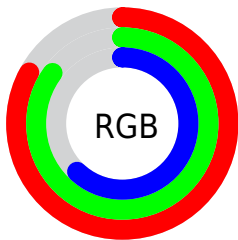
Format	Color
RYB	159, 216, 163
Decimal	13949087
CIELab	84.80, -10.46, 27.71
CIELCh	85, 29.624, 110.682
Yxy	65.6120, 0.3492, 0.3953
Android (android.graphics.Color)	4292139167 (0xFFD4D89F)
YUV	208.3060, -24.3079, 3.2396
Hunter-Lab	81.0012, -14.0171, 25.6490

Details

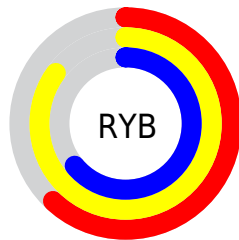
The YIQ color $208.3060, 15.9130, -18.5750$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $166.6940, -15.9130, 18.5750$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $153.6480, 14.9500, -17.6420$ is the 20% darker color. If you saturate the color by 10%, you get $205.2000, 21.7830, -25.8410$, and if you desaturate by 10%, it is $211.4120, 10.0430, -11.3090$.

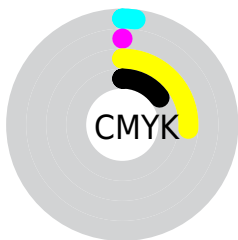
Distribution



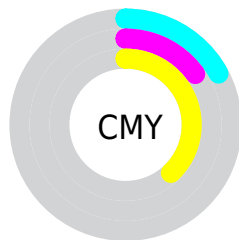
- Red (83%)
- Green (85%)
- Blue (62%)



- Red (62%)
- Yellow (85%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.3060, 15.9130, -18.5750 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 208.3060, 15.9130, -18.5750 by changing the saturation by 10% instead.

■ 208.3060, 15.9130,
-18.5750

■ 208.3060, 15.9130,
-18.5750

255.0000, -0.0000,
-0.0000

■ 180.5340, 15.2710,
-17.9530

■ 250.3260, 13.1610,
-12.7510

■ 153.6480, 14.9500,
-17.6420

■ 253.6320, 3.8520,
-3.7320

■ 127.4630, 14.0330,
-17.5430

■ 102.6910, 13.3910,
-16.9210

■ 78.5060, 12.4740,
-16.8220

■ 54.6200, 12.1530,
-16.5110

■ 33.6460, 9.2640,

-13.7120

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 208.3060, 15.9130,
-18.5750

■ 208.3060, 15.9130,
-18.5750

■ 205.2000, 21.7830,
-25.8410

■ 211.4120, 10.0430,
-11.3090

■ 202.5070, 27.9280,
-32.5840

■ 214.1050, 3.8980,
-4.5660

■ 199.4010, 33.7980,
-39.8500

■ 217.2110, -1.9720,
2.7000

■ 196.7080, 39.9430,
-46.5930

■ 219.9040, -8.1170,
9.4430

■ 193.6020, 45.8130,
-53.8590

■ 221.6420,
-10.1350, 12.9770

■ 190.7950, 52.2790,
-60.9130

■ 221.9410, -9.5390,
13.1890

■ 187.8030, 57.8280,
-67.8680

■ 222.5390, -8.3470,
13.6130

■ 186.8910, 60.3960,
-70.3560

■ 222.8380, -7.7510,
13.8250

■ 223.4360, -6.5590,
14.2490

Harmonies

Analogous

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



211.1670, 35.7180, -8.5540



208.3060, 15.9130, -18.5750



204.7850, -10.5410, -23.7330

Triad

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



208.3060, 15.9130, -18.5750



201.1080, -62.0780, -9.3260



214.2570, 27.9180, 22.6860

Complementary

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



208.3060, 15.9130, -18.5750



166.6940, -15.9130, 18.5750

Split Complementary

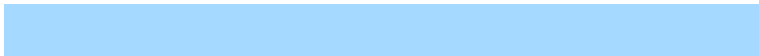
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.8450, 8.7070, 23.9310



208.3060, 15.9130, -18.5750



205.7840, -43.1900, 0.7940

Square

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



208.3060, 15.9130, -18.5750



198.6380, -58.1790, -19.4190



212.1620, -17.4710, 13.7690



210.9510, 37.2270, 13.6670

Rectangle

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



208.3060, 15.9130, -18.5750



202.0910, -29.0180, -24.7780



212.1620, -17.4710, 13.7690



216.4570, 24.4790, 24.4390

Sweetspot

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



208.3060, 15.9130, -18.5750



252.4210, 5.8240, -6.4320



178.3910, 32.8720, 9.9920



126.2190, 3.5770, -4.2550



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.



208.3060, 15.9130, -18.5750



243.8580, 22.7460, -26.7740



199.9340, -0.7750, -24.5110



105.4470, 2.9350, -3.6330



147.9180, 47.7390, -55.7250



37.2010, 12.0150, -14.0090

Inverse Universe

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



166.6940, -15.9130, 18.5750



184.1420, -22.7460, 26.7740



175.0660, 0.7750, 24.5110



97.5530, -2.9350, 3.6330



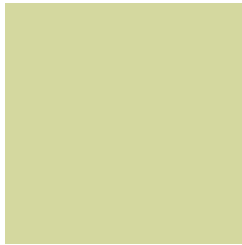
23.0820, -47.7390, 55.7250



5.7990, -12.0150, 14.0090

Previews

White Background



This preview shows how the YIQ color 208.3060, 15.9130, -18.5750 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 208.3060, 15.9130, -18.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

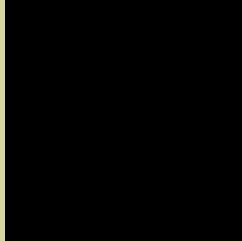
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.3060, 15.9130, -18.5750

Background



This preview shows how black text looks on a background with the YIQ color 208.3060, 15.9130, -18.5750.



This preview shows how white text looks on a background with the YIQ color 208.3060, 15.9130,

-18.5750.

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

208.3060, 15.9130, -18.5750

Protanopia

209.6280, 26.8700, -13.4020

Deuteranopia

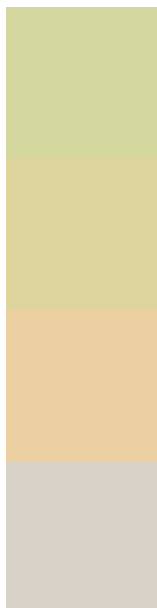
212.0800, 40.5770, -2.9990



Tritanopia

212.8250, 2.2910, 8.0430

Trichromacy



Original Color

208.3060, 15.9130, -18.5750

Protanomaly

209.4210, 23.0190, -15.1970

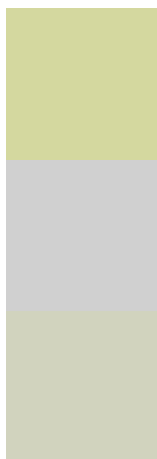
Deuteranomaly

211.0140, 31.7750, -8.6810

Tritanomaly

210.9530, 7.3820, -1.6260

Monochromacy



Original Color

208.3060, 15.9130, -18.5750

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0080, 5.5490, -6.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.3060, 15.9130, -18.5750 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(212, 216, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 159)  
}
```

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(212, 216, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 159) }
```

Border

The CSS property to change the border of an element to YIQ 208.3060, 15.9130, -18.5750 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(212, 216, 159) }
```


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

```
.border{ border-color:rgb(212, 216, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 216, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 208.3060, 15.9130, -18.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 159) }
```

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

```
.background{ background-color: rgb(212,  
216, 159) }
```

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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