

Converting Colors

YIQ(208.6270, 19.4430,
-16.4690)

Have a look what the booklet for
YIQ(208.6270, 19.4430, -16.4690)
contains.

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Color

**YIQ(208.6270, 19.4430,
-16.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D69F
RGB	217, 214, 159
RGB Percent	85%, 84%, 62%
CMY	0.1490, 0.1608, 0.3763
CMYK	0.00, 0.01, 0.27, 0.15
HSL	57°, 43%, 74%
HSV	57°, 27%, 85%
XYZ	58.9201, 65.3473, 42.3227
YIQ	208.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

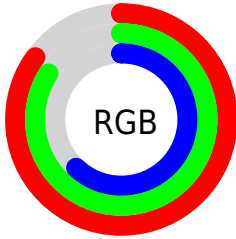
Format	Color
RYB	162, 217, 159
Decimal	14276255
CIELab	84.66, -7.56, 27.60
CIELCh	85, 28.613, 105.322
Yxy	65.3473, 0.3537, 0.3923
Android (android.graphics.Color)	4292466335 (0xFFD9D69F)
YUV	208.6270, -24.4661, 7.3431
Hunter-Lab	80.8377, -11.3629, 25.5450

Details

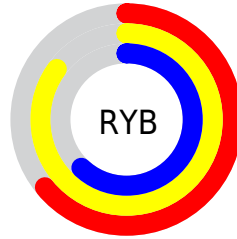
The YIQ color $208.6270, 19.4430, -16.4690$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $167.3730, -19.4430, 16.4690$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $153.6700, 17.8840, -15.7480$ is the 20% darker color. If you saturate the color by 10%, you get $205.5320, 26.7800, -22.7880$, and if you desaturate by 10%, it is $211.7220, 12.1060, -10.1500$.

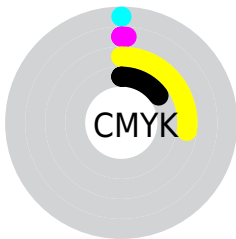
Distribution



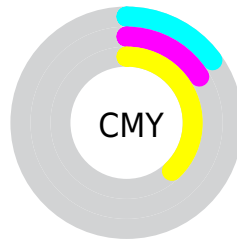
- Red (85%)
- Green (84%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.6270, 19.4430, -16.4690 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 208.6270, 19.4430, -16.4690 by changing the saturation by 10% instead.

■ 208.6270, 19.4430,
-16.4690

■ 208.6270, 19.4430,
-16.4690

■ 255.0000, -0.0000,
-0.0000

■ 180.8550, 18.8010,
-15.8470

■ 250.3260, 13.1610,
-12.7510

■ 153.6700, 17.8840,
-15.7480

■ 253.6320, 3.8520,
-3.7320

■ 127.7840, 17.5630,
-15.4370

■ 102.7130, 16.3250,
-15.0270

■ 78.5280, 15.4080,
-14.9280

■ 55.3430, 14.4910,
-14.8290

■ 34.2550, 11.9230,

-12.3410

■ 13.2460, -1.0530,
-8.4530

■ 0.0000, 0.0000,
0.0000

■ 208.6270, 19.4430,
-16.4690

■ 208.6270, 19.4430,
-16.4690

■ 205.5320, 26.7800,
-22.7880

■ 211.7220, 12.1060,
-10.1500

■ 202.5510, 33.7960,
-28.7960

■ 214.7030, 5.0900,
-4.1420

■ 199.4560, 41.1330,
-35.1150

■ 217.7980, -2.2470,
2.1770

■ 196.3610, 48.4700,
-41.4340

■ 220.8930, -9.5840,
8.4960

■ 192.7930, 55.7610,
-46.9190

■ 223.0930,
-13.0230, 10.2490

■ 189.6980, 63.0980,
-53.2380

■ 223.6800,
-13.2980, 9.7260

■ 186.6030, 70.4350,
-59.5570

■ 224.2670,
-13.5730, 9.2030

■ 185.8050, 72.6820,
-61.7340

■ 224.8540,
-13.8480, 8.6800

■ 225.4410,
-14.1230, 8.1570

Harmonies

Analogous

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



211.2320, 37.0930, -5.9390



208.6270, 19.4430, -16.4690



205.0630, -5.4520, -22.3480

Triad

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



208.6270, 19.4430, -16.4690



200.5380, -60.4730, -10.8810



215.3000, 26.3590, 23.4070

Complementary

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



208.6270, 19.4430, -16.4690



167.3730, -19.4430, 16.4690

Split Complementary

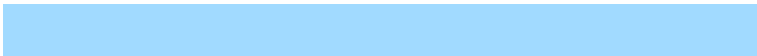
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.4530, 3.9390, 22.2350



208.6270, 19.4430, -16.4690



205.1750, -45.8490, -0.5770

Square

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



208.6270, 19.4430, -16.4690



199.5630, -53.5940, -19.9140



210.9550, -21.3220, 11.9740



211.5210, 35.6220, 15.2220

Rectangle

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



208.6270, 19.4430, -16.4690



203.1410, -23.2870, -24.0150



210.9550, -21.3220, 11.9740



215.8910, 20.2610, 23.7890

Sweetspot

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



208.6270, 19.4430, -16.4690



252.1330, 6.6950, -5.6970



176.7980, 33.2840, 13.5400



125.9310, 4.4480, -3.5200



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.



208.6270, 19.4430, -16.4690



243.3040, 27.4220, -23.4100



202.9130, 3.7180, -23.3380



108.1590, 3.8060, -2.8980



147.9950, 58.0080, -49.0960



39.5820, 15.3160, -13.2600

Inverse Universe

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



167.3730, -19.4430, 16.4690



185.2830, -27.6970, 22.8870



173.0870, -3.7180, 23.3380



100.2540, -3.5310, 3.4210



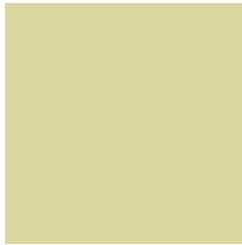
25.0050, -58.0080, 49.0960



6.4180, -15.3160, 13.2600

Previews

White Background



This preview shows how the YIQ color 208.6270, 19.4430, -16.4690 looks on a white background.

Color Contrast Check

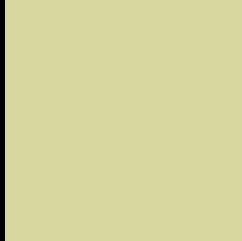
Large Text (above 18pt) WCAG AA × Fail

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 208.6270, 19.4430, -16.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

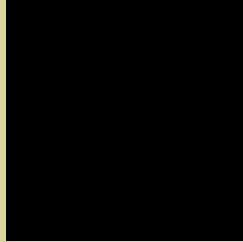
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

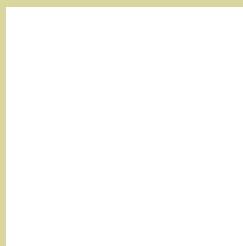
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.6270, 19.4430, -16.4690

Background



This preview shows how black text looks on a background with the YIQ color 208.6270, 19.4430, -16.4690.



This preview shows how white text looks on a background with the YIQ color 208.6270, 19.4430,

-16.4690.

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

208.6270, 19.4430, -16.4690

Protanopia

209.4430, 25.9530, -13.3030

Deuteranopia

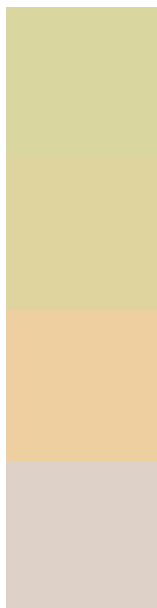
211.6670, 40.3020, -3.5220



Tritanopia

213.5050, 6.1880, 9.0040

Trichromacy



Original Color

208.6270, 19.4430, -16.4690

Protanomaly

209.1330, 23.8900, -14.4620

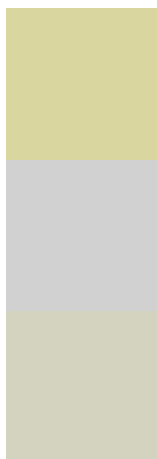
Deuteranomaly

210.6120, 32.9670, -8.2570

Tritanomaly

211.7470, 10.9580, -0.3540

Monochromacy



Original Color

208.6270, 19.4430, -16.4690

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0190, 7.0160, -6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.6270, 19.4430, -16.4690 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, 214, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 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(217, 214, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 159) }
```

Border

The CSS property to change the border of an element to YIQ 208.6270, 19.4430, -16.4690 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, 214, 159) }
```


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

```
.border{ border-color:rgb(217, 214, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 208.6270, 19.4430, -16.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 159) }
```

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

```
.background{ background-color: rgb(217,  
214, 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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