

Converting Colors

YIQ(210.3360, -0.8260, 3.9580)

Have a look what the booklet for
YIQ(210.3360, -0.8260, 3.9580)
contains.

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Color

**YIQ(210.3360, -0.8260,
3.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D0DA
RGB	212, 208, 218
RGB Percent	83%, 82%, 85%
CMY	0.1686, 0.1843, 0.1451
CMYK	0.03, 0.05, 0.00, 0.15
HSL	264°, 12%, 84%
HSV	264°, 5%, 85%
XYZ	62.3625, 64.1704, 75.4270
YIQ	210.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

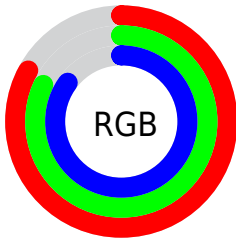
Format	Color
R _Y B	212, 208, 218
Decimal	13947098
CIE Lab	84.05, 3.21, -4.46
CIE LCh	84, 5.490, 305.733
Yxy	64.1704, 0.3088, 0.3177
Android (android.graphics.Color)	4292137178 (0xFFD4D0DA)
YUV	210.3360, 3.7784, 1.4593
Hunter-Lab	80.1064, -1.2247, 0.2479

Details

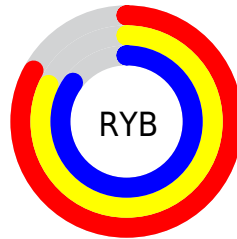
The YIQ color $210.3360, -0.8260, 3.9580$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.6640, 0.8260, -3.9580$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $155.9230, -1.1010, 3.4350$ is the 20% darker color. If you saturate the color by 10%, you get $193.5350, -2.5240, 12.7080$, and if you desaturate by 10%, it is $227.1370, 0.8720, -4.7920$.

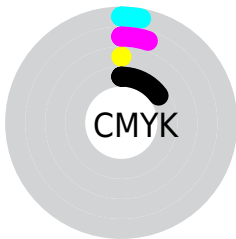
Distribution



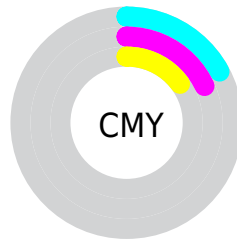
- Red (83%)
- Green (82%)
- Blue (85%)



- Red (83%)
- Yellow (82%)
- Blue (85%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3360, -0.8260, 3.9580 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 210.3360, -0.8260, 3.9580 by changing the saturation by 10% instead.

■ 210.3360, -0.8260,
3.9580

■ 210.3360, -0.8260,
3.9580

255.0000, -0.0000,
-0.0000

■ 182.3360, -0.8260,
3.9580

■ 155.9230, -1.1010,
3.4350

■ 129.9230, -1.1010,
3.4350

■ 104.9230, -1.1010,
3.4350

■ 80.8090, -0.7800,
3.1240

■ 57.8090, -0.7800,
3.1240

■ 35.8090, -0.7800,

3.1240

■ 15.2220, -0.5050,
3.6470

■ 0.0000, 0.0000,
0.0000

■ 210.3360, -0.8260,
3.9580

■ 210.3360, -0.8260,
3.9580

■ 193.5350, -2.5240,
12.7080

■ 227.1370, 0.8720,
-4.7920

■ 176.7340, -4.2220,
21.4580

■ 243.9380, 2.5700,
-13.5420

■ 160.5200, -6.1950,
29.6850

■ 249.5860, 9.4930,
-12.3550

■ 143.7190, -7.8930,
38.4350

■ 250.7820, 11.8770,
-11.5070

■ 126.9180, -9.5910,
47.1850

■ 110.1170,
-11.2890, 55.9350

■ 93.3160, -12.9870,
64.6850

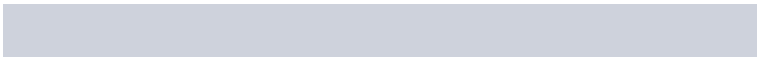
■ 76.8030, -15.5560,
72.7000

■ 60.0020, -17.2540,
81.4500

Harmonies

Analogous

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



209.9440, -5.5940, 2.2620



210.3360, -0.8260, 3.9580



210.7880, 3.7130, 4.2970

Triad

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



210.3360, -0.8260, 3.9580



210.0780, 8.5280, -0.3680



208.1730, -7.9770, -4.1130

Complementary

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



210.3360, -0.8260, 3.9580



215.6640, 0.8260, -3.9580

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.



207.9130, -4.3090, -4.5090



210.3360, -0.8260, 3.9580



209.6430, 5.3190, -2.7850

Square

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



210.3360, -0.8260, 3.9580



210.8440, 9.3070, 2.0350



208.6640, 0.8260, -3.9580



207.8570, -9.9030, -2.2470

Rectangle

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



210.3360, -0.8260, 3.9580



210.7560, 6.7390, 4.5230



208.6640, 0.8260, -3.9580



208.3580, -7.0600, -4.2120

Sweetspot

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



210.3360, -0.8260, 3.9580



252.6410, -0.3670, 1.1450



212.6620, -4.8600, -0.0280



126.5270, -0.0460, 0.8340



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.



210.3360, -0.8260, 3.9580



243.5040, -1.2390, 5.9370



211.8310, 2.1540, 5.0180



103.8090, -0.7800, 3.1240



40.3530, -14.4090, 68.4310



10.6260, -4.0380, 18.1220

Inverse Universe

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



211.6740, 4.0340, 3.9860



245.5110, 6.0510, 5.9790



214.1690, -2.1540, -5.0180



104.9620, 3.1630, 3.2510



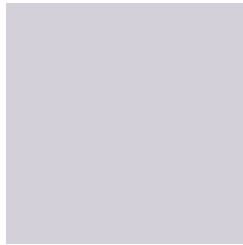
63.5830, 69.7240, 69.0200



16.9460, 18.4280, 18.4600

Previews

White Background



This preview shows how the YIQ color 210.3360, -0.8260, 3.9580 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 210.3360, -0.8260, 3.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

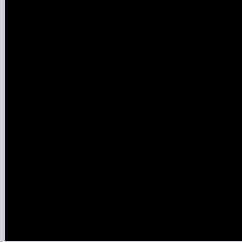
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

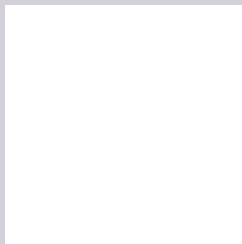
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.3360, -0.8260, 3.9580

Background



This preview shows how black text looks on a background with the YIQ color 210.3360, -0.8260, 3.9580.



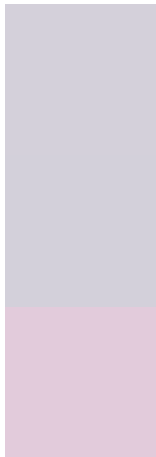
This preview shows how white text looks on a background with the YIQ color 210.3360, -0.8260,

3.9580.

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

210.3360, -0.8260, 3.9580

Protanopia

210.0370, -1.4220, 3.7460

Deuteranopia

211.7010, 8.5720, 9.8520



Tritanopia

210.6180, -1.5600, 6.2480

Trichromacy



Original Color

210.3360, -0.8260, 3.9580

Protanomaly

210.0370, -1.4220, 3.7460

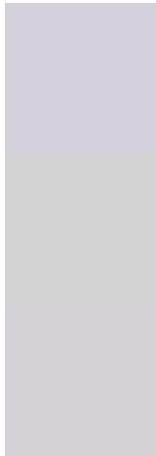
Deuteranomaly

211.3800, 5.0420, 7.7460

Tritanomaly

210.3900, -0.9180, 5.6260

Monochromacy



Original Color

210.3360, -0.8260, 3.9580

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3360, -0.8260, 3.9580 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, 208, 218)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 218)  
}
```

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, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 218) }
```

Border

The CSS property to change the border of an element to YIQ 210.3360, -0.8260, 3.9580 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, 208, 218) }
```


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

```
.border{ border-color:rgb(212, 208, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3360, -0.8260, 3.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 218) }
```

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

```
.background{ background-color: rgb(212,  
208, 218) }
```

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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