

Converting Colors

YIQ(211.6310, 5.5930, 3.2650)

Have a look what the booklet for
YIQ(211.6310, 5.5930, 3.2650)
contains.

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Color

**YIQ(211.6310, 5.5930,
3.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD0D3
RGB	219, 208, 211
RGB Percent	86%, 82%, 83%
CMY	0.1411, 0.1843, 0.1725
CMYK	0.00, 0.05, 0.04, 0.14
HSL	344°, 13%, 84%
HSV	344°, 5%, 86%
XYZ	63.5288, 64.8741, 70.8050
YIQ	211.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

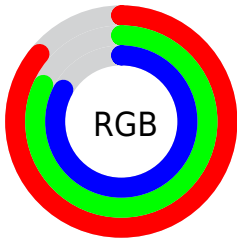
Format	Color
R _Y B	219, 208, 211
Decimal	14405843
CIE Lab	84.42, 4.33, -0.14
CIE LCh	84, 4.330, 358.183
Yxy	64.8741, 0.3189, 0.3257
Android (android.graphics.Color)	4292595923 (0xFFDBD0D3)
YUV	211.6310, -0.3111, 6.4626
Hunter-Lab	80.5444, -0.1623, 4.2605

Details

The YIQ color **211.6310, 5.5930, 3.2650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215.3690, -5.5930, -3.2650**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **157.3320, 4.9970, 3.0530** is the 20% darker color. If you saturate the color by 10%, you get **196.8930, 16.7790, 9.7950**, and if you desaturate by 10%, it is **226.3690, -5.5930, -3.2650**.

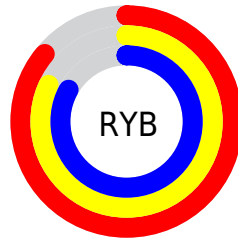
Distribution



Red (86%)

Green (82%)

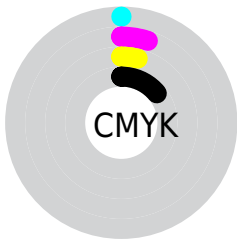
Blue (83%)



Red (86%)

Yellow (82%)

Blue (83%)

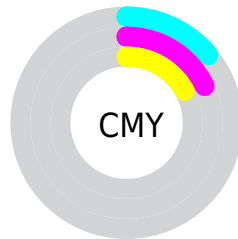


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.6310, 5.5930, 3.2650 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 211.6310, 5.5930, 3.2650 by changing the saturation by 10% instead.

■ 211.6310, 5.5930,
3.2650

■ 211.6310, 5.5930,
3.2650

255.0000, -0.0000,
-0.0000

■ 183.6310, 5.5930,
3.2650

■ 157.3320, 4.9970,
3.0530

■ 131.2180, 5.3180,
2.7420

■ 105.9190, 4.7220,
2.5300

■ 81.9190, 4.7220,
2.5300

■ 58.9190, 4.7220,
2.5300

■ 36.7340, 3.8050,

2.6290

■ 16.0330, 4.4010,
2.8410

■ 0.0000, 0.0000,
0.0000

■ 211.6310, 5.5930,
3.2650

■ 211.6310, 5.5930,
3.2650

■ 196.8930, 16.7790,
9.7950

■ 226.3690, -5.5930,
-3.2650

■ 182.1550, 27.9650,
16.3250

■ 241.1070,
-16.7790, -9.7950

■ 167.4170, 39.1510,
22.8550

■ 244.2360,
-21.4560, -7.6320

■ 152.6790, 50.3370,
29.3850

■ 137.9410, 61.5230,
35.9150

■ 123.7900, 72.4340,
41.9220

■ 109.1660, 83.2990,
48.7630

■ 94.4280, 94.4850,
55.2930

■ 79.6900, 105.6710,
61.8230

Harmonies

Analogous

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



211.7770, 2.2460, 3.3500



211.6310, 5.5930, 3.2650



211.4740, 7.4730, 2.2330

Triad

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



211.6310, 5.5930, 3.2650



210.3760, 1.6970, -3.2230



209.8790, -6.9690, -0.3530

Complementary

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



211.6310, 5.5930, 3.2650



215.3690, -5.5930, -3.2650

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.



209.5260, -7.4730, -2.2330



211.6310, 5.5930, 3.2650



209.8100, -2.5210, -3.8730

Square

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



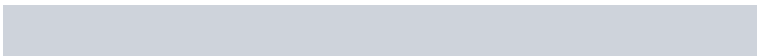
211.6310, 5.5930, 3.2650



210.6970, 5.2270, -1.1170



209.3690, -5.5930, -3.2650



210.4170, -5.5480, 1.4280

Rectangle

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



211.6310, 5.5930, 3.2650



211.5340, 7.2440, 0.8760



209.3690, -5.5930, -3.2650



210.1670, -7.8400, -1.0880

Sweetspot

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



211.6310, 5.5930, 3.2650



251.6090, 2.6590, 1.3710



211.6460, 1.2370, 5.1170



126.0110, 1.4670, 0.9470



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.



211.6310, 5.5930, 3.2650



244.9410, 7.6560, 4.4240



212.4630, 6.0060, 1.2860



104.6200, 4.1260, 2.3180



57.0850, 88.0210, 51.2930



15.2360, 23.2430, 13.7950

Inverse Universe

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



211.6310, 5.5930, 3.2650



244.9410, 7.6560, 4.4240



214.5370, -6.0060, -1.2860



104.6200, 4.1260, 2.3180



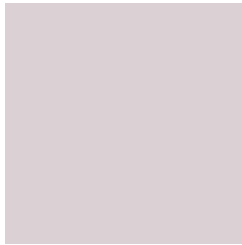
57.0850, 88.0210, 51.2930



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 211.6310, 5.5930, 3.2650 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 211.6310, 5.5930, 3.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

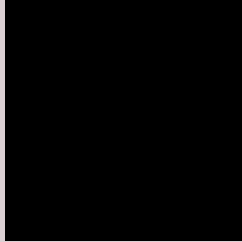
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

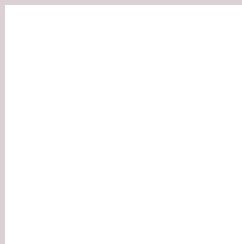
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.6310, 5.5930, 3.2650

Background



This preview shows how black text looks on a background with the YIQ color 211.6310, 5.5930, 3.2650.



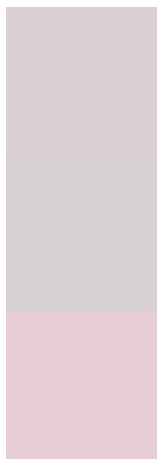
This preview shows how white text looks on a background with the YIQ color 211.6310, 5.5930,

3.2650.

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

211.6310, 5.5930, 3.2650

Protanopia

211.4240, 1.7420, 1.4700

Deuteranopia

212.6860, 12.9280, 8.0000



Tritanopia

212.3090, 3.8040, 8.1560

Trichromacy



Original Color

211.6310, 5.5930, 3.2650

Protanomaly

211.4350, 3.2090, 2.4170

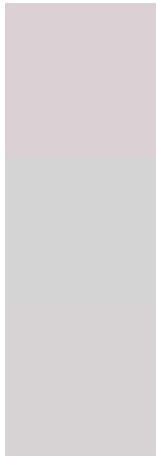
Deuteranomaly

212.0770, 10.2690, 6.6290

Tritanomaly

212.1410, 4.2170, 6.1770

Monochromacy



Original Color

211.6310, 5.5930, 3.2650

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.6310, 5.5930, 3.2650 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(219, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(219, 208, 211)  
}
```

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(219, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 211) }
```

Border

The CSS property to change the border of an element to YIQ 211.6310, 5.5930, 3.2650 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(219, 208, 211) }
```


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

```
.border{ border-color:rgb(219, 208, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(219, 208,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 211.6310, 5.5930, 3.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 211) }
```

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

```
.background{ background-color: rgb(219,  
208, 211) }
```

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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