

Converting Colors

YIQ(215.0440, 5.8680, 3.7880)

Have a look what the booklet for
YIQ(215.0440, 5.8680, 3.7880)
contains.

YIQ(215.0440, 5.8680, 3.7880)	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(215.0440, 5.8680,
3.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD3D7
RGB	223, 211, 215
RGB Percent	87%, 83%, 84%
CMY	0.1255, 0.1725, 0.1568
CMYK	0.00, 0.05, 0.04, 0.13
HSL	340°, 16%, 85%
HSV	340°, 5%, 87%
XYZ	65.9933, 67.1818, 73.7826
YIQ	215.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

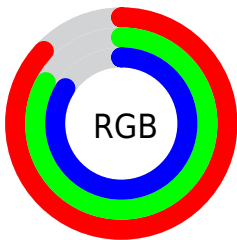
Format	Color
R_{YB}	223, 211, 215
Decimal	14668759
CIE Lab	85.60, 4.84, -0.50
CIE LCh	86, 4.862, 354.052
Yxy	67.1818, 0.3189, 0.3246
Android (android.graphics.Color)	4292858839 (0xFFDFD3D7)
YUV	215.0440, -0.0217, 6.9774
Hunter-Lab	81.9645, 0.2804, 4.0036

Details

The YIQ color $215.0440, 5.8680, 3.7880$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.9560, -5.8680, -3.7880$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.6310, 5.5930, 3.2650$ is the 20% darker color. If you saturate the color by 10%, you get $200.4200, 16.7330, 10.6290$, and if you desaturate by 10%, it is $229.6680, -4.9970, -3.0530$.

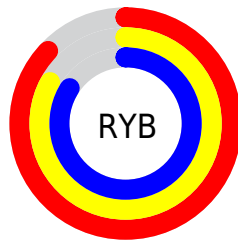
Distribution



Red (87%)

Green (83%)

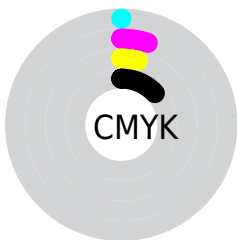
Blue (84%)



Red (87%)

Yellow (83%)

Blue (84%)

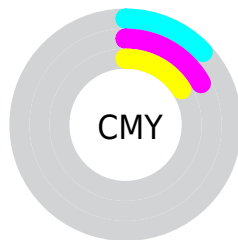


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0440, 5.8680, 3.7880 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 215.0440, 5.8680, 3.7880 by changing the saturation by 10% instead.

■ 215.0440, 5.8680,
3.7880

■ 215.0440, 5.8680,
3.7880

255.0000, -0.0000,
-0.0000

■ 187.0440, 5.8680,
3.7880

■ 160.6310, 5.5930,
3.2650

■ 133.7450, 5.2720,
3.5760

■ 108.7450, 5.2720,
3.5760

■ 84.4460, 4.6760,
3.3640

■ 61.4460, 4.6760,
3.3640

■ 39.7340, 3.8050,

2.6290

■ 19.0330, 4.4010,
2.8410

■ 0.0000, 0.0000,
0.0000

■ 215.0440, 5.8680,
3.7880

■ 215.0440, 5.8680,
3.7880

■ 200.4200, 16.7330,
10.6290

■ 229.6680, -4.9970,
-3.0530

■ 185.2090, 27.8730,
17.9930

■ 244.2920,
-15.8620, -9.8940

■ 170.5850, 38.7380,
24.8340

■ 245.4320,
-19.0720, -6.7840

■ 156.0750, 49.2820,
31.9860

■ 140.8640, 60.4220,
39.3500

■ 126.2400, 71.2870,
46.1910

■ 111.6160, 82.1520,
53.0320

■ 96.9920, 93.0170,
59.8730

■ 81.7810, 104.1570,
67.2370

Harmonies

Analogous

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



214.8910, 1.9250, 3.6610



215.0440, 5.8680, 3.7880



214.7730, 8.0690, 2.4450

Triad

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



215.0440, 5.8680, 3.7880



213.6750, 2.2930, -3.0110



212.9820, -8.7570, -0.9890

Complementary

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



215.0440, 5.8680, 3.7880



218.9560, -5.8680, -3.7880

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.



212.8140, -8.3440, -2.9680



215.0440, 5.8680, 3.7880



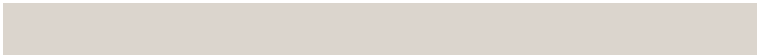
212.6960, -2.2000, -4.1840

Square

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



215.0440, 5.8680, 3.7880



213.8820, 6.1440, -1.2160



212.9560, -5.8680, -3.7880



213.8190, -6.7400, 1.0040

Rectangle

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



215.0440, 5.8680, 3.7880



215.1320, 8.4360, 1.3000



212.9560, -5.8680, -3.7880



212.8680, -8.4360, -1.3000

Sweetspot

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



215.0440, 5.8680, 3.7880



251.7230, 2.3380, 1.6820



214.7600, 0.9160, 5.4280



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

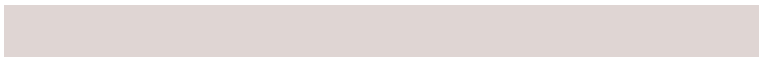
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.0440, 5.8680, 3.7880



245.0550, 7.3350, 4.7350



215.7620, 6.6020, 1.4980



106.7340, 3.8050, 2.6290



59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Inverse Universe

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



215.0440, 5.8680, 3.7880



245.0550, 7.3350, 4.7350



218.2380, -6.6020, -1.4980



106.7340, 3.8050, 2.6290



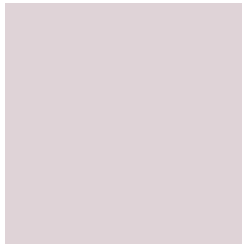
59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 215.0440, 5.8680, 3.7880 looks on a white background.

Color Contrast Check

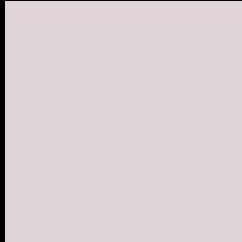
Large Text (above 18pt) WCAG AA × Fail

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 215.0440, 5.8680, 3.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

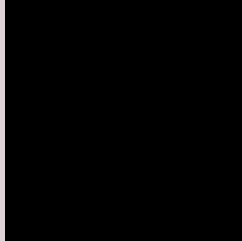
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

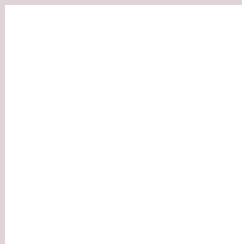
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.0440, 5.8680, 3.7880

Background



This preview shows how black text looks on a background with the YIQ color 215.0440, 5.8680, 3.7880.



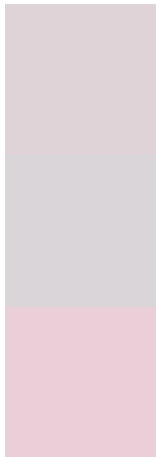
This preview shows how white text looks on a background with the YIQ color 215.0440, 5.8680,

3.7880.

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

215.0440, 5.8680, 3.7880

Protanopia

214.5380, 1.4210, 1.7810

Deuteranopia

216.0990, 13.2030, 8.5230



Tritanopia

215.7220, 4.0790, 8.6790

Trichromacy



Original Color

215.0440, 5.8680, 3.7880

Protanomaly

214.5490, 2.8880, 2.7280

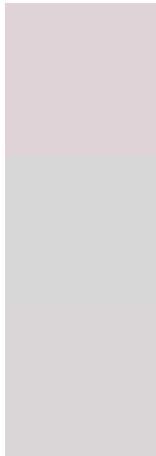
Deuteranomaly

215.4900, 10.5440, 7.1520

Tritanomaly

215.5540, 4.4920, 6.7000

Monochromacy



Original Color

215.0440, 5.8680, 3.7880

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0440, 5.8680, 3.7880 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(223, 211, 215)` looks like.

```
.text, #text, p{  
    color:rgb(223, 211, 215)  
}
```

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(223, 211, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 211, 215) }
```

Border

The CSS property to change the border of an element to YIQ 215.0440, 5.8680, 3.7880 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(223, 211, 215) }
```


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

```
.border{ border-color:rgb(223, 211, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 211, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 211, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 211, 215);  
box-shadow:4px 4px 4px 4px rgb(223, 211,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0440, 5.8680, 3.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 211, 215) }
```

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

```
.background{ background-color: rgb(223,  
211, 215) }
```

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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