

Converting Colors

YIQ(216.4460, 4.6760, 3.3640)

Have a look what the booklet for
YIQ(216.4460, 4.6760, 3.3640)
contains.

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Color

**YIQ(216.4460, 4.6760,
3.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD5D9
RGB	223, 213, 217
RGB Percent	87%, 84%, 85%
CMY	0.1255, 0.1647, 0.1490
CMYK	0.00, 0.04, 0.03, 0.13
HSL	336°, 14%, 85%
HSV	336°, 4%, 87%
XYZ	66.7516, 68.2854, 75.3105
YIQ	216.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

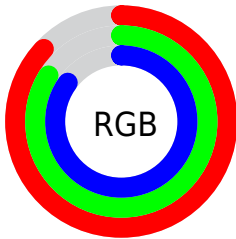
Format	Color
R _Y B	223, 213, 217
Decimal	14669273
CIE Lab	86.15, 4.14, -0.75
CIE LCh	86, 4.209, 349.676
Yxy	68.2854, 0.3173, 0.3246
Android (android.graphics.Color)	4292859353 (0xFFDFD5D9)
YUV	216.4460, 0.2731, 5.7479
Hunter-Lab	82.6350, -0.4210, 3.8097

Details

The YIQ color $216.4460, 4.6760, 3.3640$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.5540, -4.6760, -3.3640$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.4460, 4.6760, 3.3640$ is the 20% darker color. If you saturate the color by 10%, you get $202.0500, 14.8990, 10.8270$, and if you desaturate by 10%, it is $230.8420, -5.5470, -4.0990$.

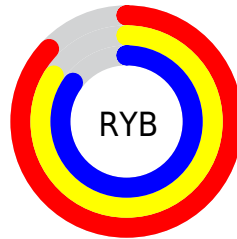
Distribution



Red (87%)

Green (84%)

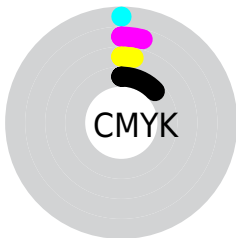
Blue (85%)



Red (87%)

Yellow (84%)

Blue (85%)

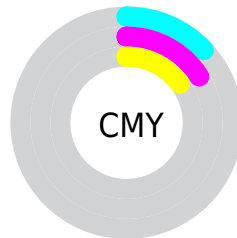


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.4460, 4.6760, 3.3640 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 216.4460, 4.6760, 3.3640 by changing the saturation by 10% instead.

■ 216.4460, 4.6760,
3.3640

■ 216.4460, 4.6760,
3.3640

255.0000, -0.0000,
-0.0000

■ 188.4460, 4.6760,
3.3640

■ 161.4460, 4.6760,
3.3640

■ 135.1470, 4.0800,
3.1520

■ 110.1470, 4.0800,
3.1520

■ 85.7340, 3.8050,
2.6290

■ 62.7340, 3.8050,
2.6290

■ 40.7340, 3.8050,

2.6290

■ 20.4350, 3.2090,
2.4170

■ 0.0000, 0.0000,
0.0000

■ 216.4460, 4.6760,
3.3640

■ 216.4460, 4.6760,
3.3640

■ 202.0500, 14.8990,
10.8270

■ 230.8420, -5.5470,
-4.0990

■ 186.9530, 25.7180,
18.5020

■ 244.1780,
-15.5410, -10.2050

■ 172.5570, 35.9410,
25.9650

■ 245.4320,
-19.0720, -6.7840

■ 158.0470, 46.4850,
33.1170

■ 143.0640, 56.9830,
41.1030

■ 128.6680, 67.2060,
48.5660

■ 114.1580, 77.7500,
55.7180

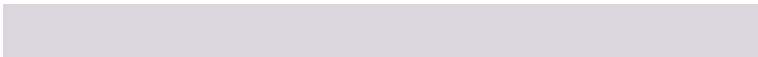
■ 99.7620, 87.9730,
63.1810

■ 84.7790, 98.4710,
71.1670

Harmonies

Analogous

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



216.2930, 0.7330, 3.2370



216.4460, 4.6760, 3.3640



216.2890, 6.5560, 2.3320

Triad

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



216.4460, 4.6760, 3.3640



215.0880, 2.5680, -2.4880



214.4660, -7.2440, -0.8760

Complementary

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



216.4460, 4.6760, 3.3640



219.5540, -4.6760, -3.3640

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.



214.4120, -7.1520, -2.5440



216.4460, 4.6760, 3.3640



214.4080, -1.3290, -3.4490

Square

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



216.4460, 4.6760, 3.3640



215.6970, 5.2270, -1.1170



214.5540, -4.6760, -3.3640



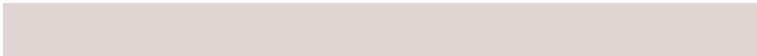
215.0040, -5.8230, 0.9050

Rectangle

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



216.4460, 4.6760, 3.3640



216.0610, 7.1980, 1.7100



214.5540, -4.6760, -3.3640



214.6400, -7.7940, -1.9220

Sweetspot

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



216.4460, 4.6760, 3.3640



253.0110, 1.4670, 0.9470



215.9340, 0.3660, 4.3820



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



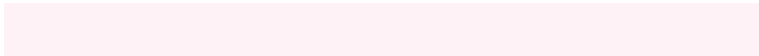
128.0000, -0.0000, -0.0000

Same Dimension

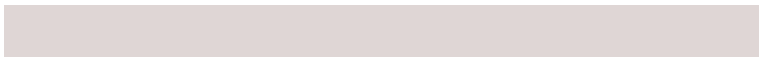
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.4460, 4.6760, 3.3640



246.4570, 6.1430, 4.3110



216.5770, 5.6850, 1.5970



107.4350, 3.2090, 2.4170



60.6040, 82.4260, 59.0820



16.5180, 22.5090, 16.0850

Inverse Universe

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



216.4460, 4.6760, 3.3640



246.4570, 6.1430, 4.3110



219.4230, -5.6850, -1.5970



107.4350, 3.2090, 2.4170



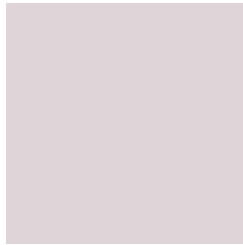
60.6040, 82.4260, 59.0820



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 216.4460, 4.6760, 3.3640 looks on a white background.

Color Contrast Check

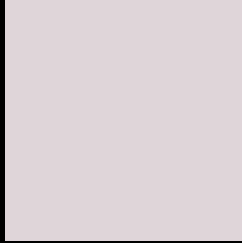
Large Text (above 18pt) WCAG AA × Fail

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 216.4460, 4.6760, 3.3640 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

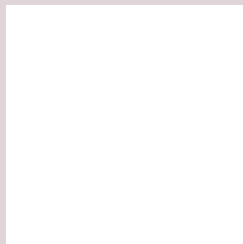
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.4460, 4.6760, 3.3640

Background



This preview shows how black text looks on a background with the YIQ color 216.4460, 4.6760, 3.3640.



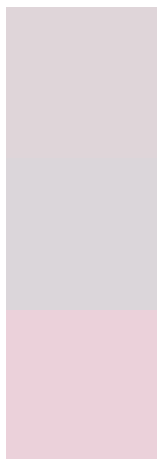
This preview shows how white text looks on a background with the YIQ color 216.4460, 4.6760,

3.3640.

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

216.4460, 4.6760, 3.3640

Protanopia

215.9510, 1.6960, 2.3040

Deuteranopia

217.8000, 12.6070, 8.3110



Tritanopia

217.1240, 2.8870, 8.2550

Trichromacy



Original Color

216.4460, 4.6760, 3.3640

Protanomaly

216.2500, 2.2920, 2.5160

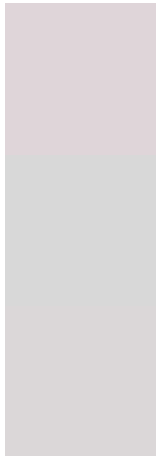
Deuteranomaly

217.1910, 9.9480, 6.9400

Tritanomaly

216.9560, 3.3000, 6.2760

Monochromacy



Original Color

216.4460, 4.6760, 3.3640

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.4460, 4.6760, 3.3640 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, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 217)  
}
```

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, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 217) }
```

Border

The CSS property to change the border of an element to YIQ 216.4460, 4.6760, 3.3640 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, 213, 217) }
```


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

```
.border{ border-color:rgb(223, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 216.4460, 4.6760, 3.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 217) }
```

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

```
.background{ background-color: rgb(223,  
213, 217) }
```

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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