

Converting Colors

YIQ(225.8080, 18.1560, 1.3560)

Have a look what the booklet for
YIQ(225.8080, 18.1560, 1.3560)
contains.

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Color

**YIQ(225.8080, 18.1560,
1.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DCD0
RGB	244, 220, 208
RGB Percent	96%, 86%, 82%
CMY	0.0431, 0.1373, 0.1842
CMYK	0.00, 0.10, 0.15, 0.04
HSL	20°, 62%, 89%
HSV	20°, 15%, 96%
XYZ	74.2909, 74.9715, 70.2433
YIQ	225.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

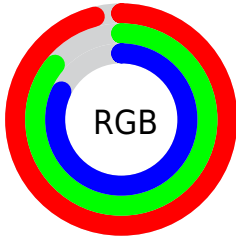
Format	Color
R _Y B	244, 226, 208
Decimal	16047312
CIE Lab	89.38, 6.35, 8.88
CIE LCh	89, 10.916, 54.399
Yxy	74.9715, 0.3384, 0.3415
Android (android.graphics.Color)	4294237392 (0xFFF4DCD0)
YUV	225.8080, -8.7793, 15.9544
Hunter-Lab	86.5861, 1.6273, 12.5110

Details

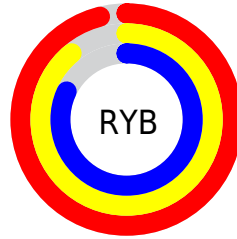
The YIQ color **225.8080, 18.1560, 1.3560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **226.1920, -18.1560, -1.3560**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **170.6230, 17.2390, 1.4550** is the 20% darker color. If you saturate the color by 10%, you get **213.6800, 30.2600, 2.2600**, and if you desaturate by 10%, it is **237.9360, 6.0520, 0.4520**.

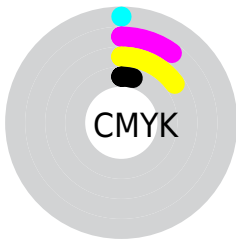
Distribution



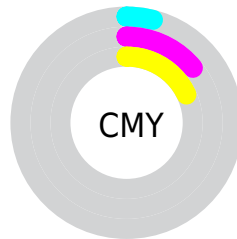
- Red (96%)
- Green (86%)
- Blue (82%)



- Red (96%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.8080, 18.1560, 1.3560 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 225.8080, 18.1560, 1.3560 by changing the saturation by 10% instead.

225.8080, 18.1560,
1.3560

225.8080, 18.1560,
1.3560

255.0000, -0.0000,
-0.0000

197.5090, 17.5600,
1.1440

170.6230, 17.2390,
1.4550

144.0250, 16.0470,
1.0310

118.1390, 15.7260,
1.3420

93.5410, 14.5340,
0.9180

69.6550, 14.2130,
1.2290

47.0570, 13.0210,

0.8050

■ 26.3450, 12.1500,
0.0700

■ 2.9900, 5.9600,
2.1200

■ 225.8080, 18.1560,
1.3560

■ 225.8080, 18.1560,
1.3560

■ 213.6800, 30.2600,
2.2600

■ 237.9360, 6.0520,
0.4520

■ 200.8510, 42.9600,
3.3760

■ 250.5370, -6.0060,
-1.2860

■ 188.7230, 55.0640,
4.2800

■ 251.7110, -6.5560,
-2.3320

■ 176.4810, 67.4890,
4.8730

■ 164.3530, 79.5930,
5.7770

■ 151.6380, 91.9720,
7.2040

■ 139.3960,
104.3970, 7.7970

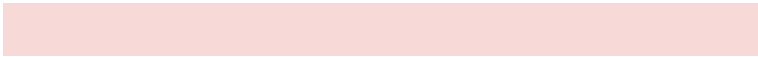
■ 127.2680,
116.5010, 8.7010

■ 120.5030,
123.1490, 9.3650

Harmonies

Analogous

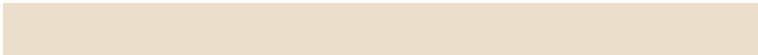
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.4430, 17.9260, 5.5260



225.8080, 18.1560, 1.3560



224.4220, 13.2510, -3.3650

Triad

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



225.8080, 18.1560, 1.3560



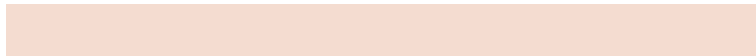
221.6020, -13.7990, -8.7350



225.5790, -5.8240, 6.4320

Complementary

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



225.8080, 18.1560, 1.3560



226.1920, -18.1560, -1.3560

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.



223.9800, -14.4430, 2.9410



225.8080, 18.1560, 1.3560



221.6600, -19.7140, -6.1620

Square

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



225.8080, 18.1560, 1.3560



221.9790, -4.6750, -8.8910



222.2950, -19.9440, -1.9920



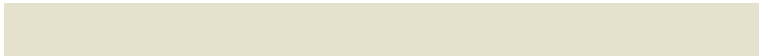
227.0210, 4.6750, 8.8910

Rectangle

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



225.8080, 18.1560, 1.3560



223.5030, 8.5290, -5.8950



222.2950, -19.9440, -1.9920



225.1980, -9.1250, 5.6830

Sweetspot

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



225.8080, 18.1560, 1.3560



249.7510, 5.1350, 0.5510



221.6140, 13.4310, 15.4070



124.2670, 3.6220, 0.4380



0.0000, 0.0000, 0.0000



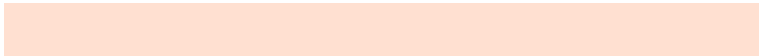
128.0000, -0.0000, -0.0000

Same Dimension

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



225.8080, 18.1560, 1.3560



231.5590, 23.2910, 1.9070



235.7870, 13.4810, -7.5350



115.9360, 6.0520, 0.4520



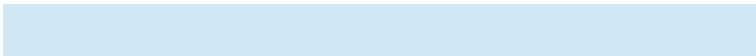
92.0080, 93.8060, 7.0060



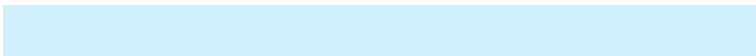
29.3810, 29.6640, 2.0480

Inverse Universe

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



226.1920, -18.1560, -1.3560



232.4410, -23.2910, -1.9070



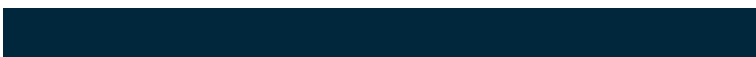
216.2130, -13.4810, 7.5350



116.0640, -6.0520, -0.4520



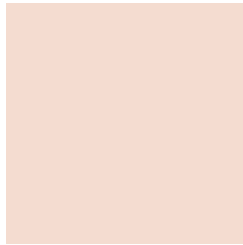
93.9920, -93.8060, -7.0060



29.6190, -29.6640, -2.0480

Previews

White Background



This preview shows how the YIQ color 225.8080, 18.1560, 1.3560 looks on a white background.

Color Contrast Check

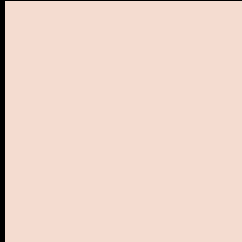
Large Text (above 18pt) WCAG AA × Fail

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 225.8080, 18.1560, 1.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

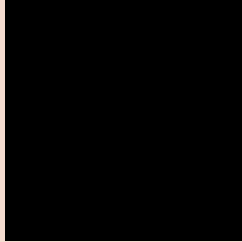
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.8080, 18.1560, 1.3560

Background



This preview shows how black text looks on a background with the YIQ color 225.8080, 18.1560, 1.3560.



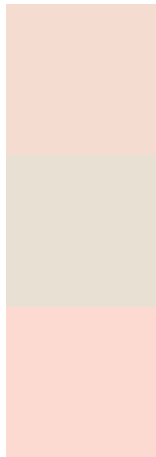
This preview shows how white text looks on a background with the YIQ color 225.8080, 18.1560,

1.3560.

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

225.8080, 18.1560, 1.3560

Protanopia

224.7960, 9.2620, -2.6580

Deuteranopia

226.5530, 23.4280, 4.9320



Tritanopia

227.2070, 13.0190, 11.8590

Trichromacy



Original Color

225.8080, 18.1560, 1.3560

Protanomaly

225.2910, 12.2420, -1.5980

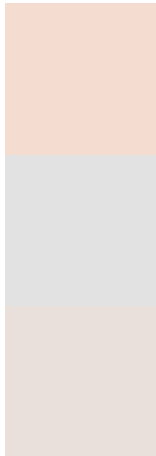
Deuteranomaly

226.2430, 21.3650, 3.7730

Tritanomaly

226.4690, 15.0370, 8.3250

Monochromacy



Original Color

225.8080, 18.1560, 1.3560

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.8080, 18.1560, 1.3560 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(244, 220, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 208)  
}
```

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(244, 220, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 208) }
```

Border

The CSS property to change the border of an element to YIQ 225.8080, 18.1560, 1.3560 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(244, 220, 208) }
```


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

```
.border{ border-color:rgb(244, 220, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 225.8080, 18.1560, 1.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 208) }
```

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

```
.background{ background-color: rgb(244,  
220, 208) }
```

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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