

Converting Colors

YIQ(216.7070, 25.6300, -1.9380)

Have a look what the booklet for
YIQ(216.7070, 25.6300, -1.9380)
contains.

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Color

**YIQ(216.7070, 25.6300,
-1.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3B9
RGB	240, 211, 185
RGB Percent	94%, 83%, 73%
CMY	0.0588, 0.1726, 0.2744
CMYK	0.00, 0.12, 0.23, 0.06
HSL	28°, 65%, 83%
HSV	28°, 23%, 94%
XYZ	67.9912, 68.6142, 55.5765
YIQ	216.7070, 25.6300, -1.9380

Conversions

Conversions Part 2

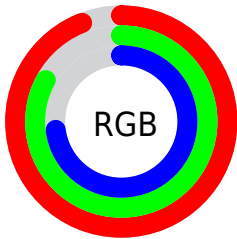
Format	Color
R _Y B	240, 234, 185
Decimal	15782841
CIE Lab	86.31, 6.17, 16.57
CIE LCh	86, 17.677, 69.573
Yxy	68.6142, 0.3538, 0.3570
Android (android.graphics.Color)	4293972921 (0xFFFF0D3B9)
YUV	216.7070, -15.6316, 20.4280
Hunter-Lab	82.8337, 1.5568, 18.2035

Details

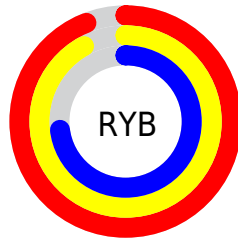
The YIQ color $216.7070, 25.6300, -1.9380$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $208.2930, -25.6300, 1.9380$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $161.9240, 23.5210, -2.2630$ is the 20% darker color. If you saturate the color by 10%, you get $206.3400, 36.9090, -2.6030$, and if you desaturate by 10%, it is $227.0740, 14.3510, -1.2730$.

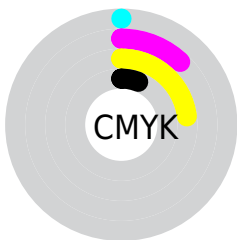
Distribution



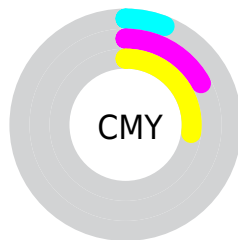
- Red (94%)
- Green (83%)
- Blue (73%)



- Red (94%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.7070, 25.6300, -1.9380 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 216.7070, 25.6300, -1.9380 by changing the saturation by 10% instead.

216.7070, 25.6300,
-1.9380

216.7070, 25.6300,
-1.9380

255.0000, -0.0000,
-0.0000

188.5220, 24.7130,
-1.8390

253.4040, 4.4940,
-4.3540

161.9240, 23.5210,
-2.2630

135.1520, 22.8790,
-1.6410

109.8530, 22.2830,
-1.8530

85.3690, 20.7700,
-1.9660

61.8850, 19.2570,
-2.0790

40.1020, 17.1480,

-2.4040

■ 19.5580, 15.8640,
-1.1600

■ 0.0000, 0.0000,
0.0000

■ 216.7070, 25.6300,
-1.9380

■ 216.7070, 25.6300,
-1.9380

■ 206.3400, 36.9090,
-2.6030

■ 227.0740, 14.3510,
-1.2730

■ 196.5600, 47.9130,
-3.7910

■ 236.8540, 3.3470,
-0.0850

■ 186.1930, 59.1920,
-4.4560

■ 246.9930, -7.2900,
-0.0420

■ 175.8260, 70.4710,
-5.1210

■ 250.5150, -8.9400,
-3.1800

■ 166.0460, 81.4750,
-6.3090

■ 155.6790, 92.7540,
-6.9740

■ 145.3120,
104.0330, -7.6390

■ 138.0910,
111.9650, -8.2190

Harmonies

Analogous

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



217.9020, 29.7550, 5.9070



216.7070, 25.6300, -1.9380



215.2170, 15.0860, -9.0900

Triad

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



216.7070, 25.6300, -1.9380



210.1810, -28.7910, -12.3670



218.4320, -0.7360, 13.3440

Complementary

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



216.7070, 25.6300, -1.9380



208.2930, -25.6300, 1.9380

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.



216.1740, -17.7450, 7.7190



216.7070, 25.6300, -1.9380



210.8200, -34.8440, -7.2920

Square

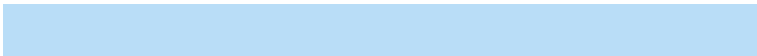
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.7070, 25.6300, -1.9380



211.2440, -15.9070, -14.5870



213.2000, -29.8020, 0.4540



219.5710, 14.9900, 14.6860

Rectangle

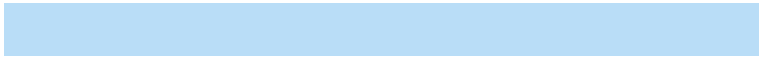
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.7070, 25.6300, -1.9380



213.5470, 5.2290, -12.1710



213.2000, -29.8020, 0.4540



217.8550, -6.4210, 11.7470

Sweetspot

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



216.7070, 25.6300, -1.9380



247.6650, 8.2530, -0.8910



204.7510, 23.4710, 20.6790



123.2240, 5.1810, -0.2830



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.



216.7070, 25.6300, -1.9380



226.0020, 32.0490, -2.6310



232.5560, 18.2050, -16.0590



115.1100, 5.5020, -0.5940



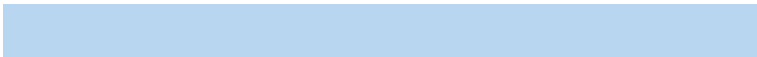
106.0850, 85.7390, -6.4930



32.0060, 26.2260, -1.7260

Inverse Universe

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



208.2930, -25.6300, 1.9380



214.9980, -32.0490, 2.6310



192.4440, -18.2050, 16.0590



112.8900, -5.5020, 0.5940



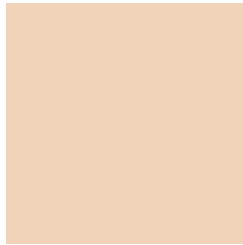
77.9150, -85.7390, 6.4930



23.9940, -26.2260, 1.7260

Previews

White Background



This preview shows how the YIQ color 216.7070, 25.6300, -1.9380 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 216.7070, 25.6300, -1.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

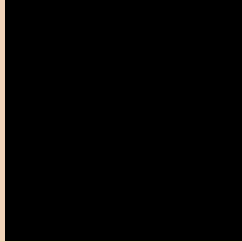
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.7070, 25.6300, -1.9380

Background



This preview shows how black text looks on a background with the YIQ color 216.7070, 25.6300, -1.9380.



This preview shows how white text looks on a background with the YIQ color 216.7070, 25.6300,

-1.9380.

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

216.7070, 25.6300, -1.9380

Protanopia

215.3960, 16.1400, -6.1640

Deuteranopia

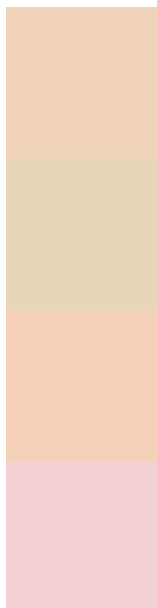
217.4520, 30.9020, 1.6380



Tritanopia

219.1860, 17.5120, 13.0320

Trichromacy



Original Color

216.7070, 25.6300, -1.9380

Protanomaly

216.1900, 19.7160, -4.8920

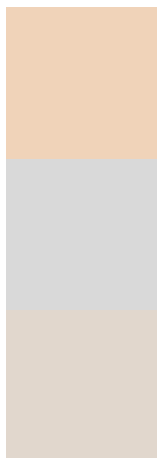
Deuteranomaly

217.1420, 28.8390, 0.4790

Tritanomaly

218.5790, 20.5390, 7.7310

Monochromacy



Original Color

216.7070, 25.6300, -1.9380

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.7070, 25.6300, -1.9380 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(240, 211, 185)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 185)  
}
```

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(240, 211, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 185) }
```

Border

The CSS property to change the border of an element to YIQ 216.7070, 25.6300, -1.9380 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(240, 211, 185) }
```


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

```
.border{ border-color:rgb(240, 211, 185) }
```

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

Here you see how a box with a 4 pixel rgb(240, 211, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 185);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 216.7070, 25.6300, -1.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 185) }
```

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

```
.background{ background-color: rgb(240,  
211, 185) }
```

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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