

Converting Colors

YIQ(217.1680, 25.9500, 3.2780)

Have a look what the booklet for
YIQ(217.1680, 25.9500, 3.2780)
contains.

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Color

**YIQ(217.1680, 25.9500,
3.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D0C2
RGB	244, 208, 194
RGB Percent	96%, 82%, 76%
CMY	0.0431, 0.1843, 0.2391
CMYK	0.00, 0.15, 0.20, 0.04
HSL	17°, 69%, 86%
HSV	17°, 20%, 96%
XYZ	69.6081, 68.2373, 60.5584
YIQ	217.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

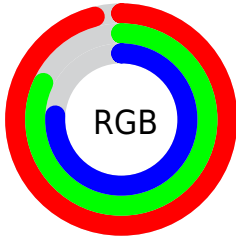
Format	Color
R _Y B	244, 213, 194
Decimal	16044226
CIE Lab	86.12, 10.50, 11.60
CIE LCh	86, 15.645, 47.867
Yxy	68.2373, 0.3508, 0.3439
Android (android.graphics.Color)	4294234306 (0xFFF4D0C2)
YUV	217.1680, -11.4218, 23.5317
Hunter-Lab	82.6059, 5.8533, 14.3586

Details

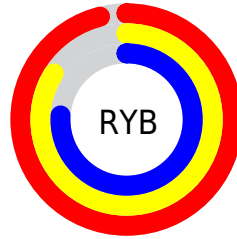
The YIQ color $217.1680, 25.9500, 3.2780$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $220.8320, -25.9500, -3.2780$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, 1.6050, -1.5550$, and $162.2710, 24.1620, 2.6420$ is the 20% darker color. If you saturate the color by 10%, you get $203.8660, 38.6040, 5.2280$, and if you desaturate by 10%, it is $230.4700, 13.2960, 1.3280$.

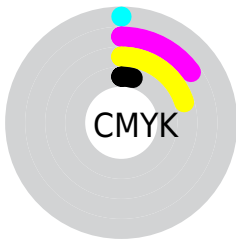
Distribution



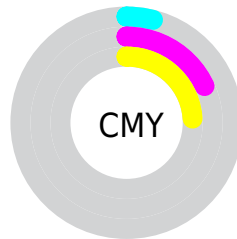
- Red (96%)
- Green (82%)
- Blue (76%)



- Red (96%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.1680, 25.9500, 3.2780 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 217.1680, 25.9500, 3.2780 by changing the saturation by 10% instead.

217.1680, 25.9500,
3.2780

217.1680, 25.9500,
3.2780

255.0000, -0.0000,
-0.0000

188.9830, 25.0330,
3.3770

254.5440, 1.2840,
-1.2440

162.2710, 24.1620,
2.6420

136.0860, 23.2450,
2.7410

110.4880, 22.0530,
2.3170

85.4170, 20.8150,
2.7270

62.8190, 19.6230,
2.3030

40.3350, 18.1100,

2.1900

■ 18.6940, 18.4770,
1.0450

■ 0.0000, 0.0000,
0.0000

■ 217.1680, 25.9500,
3.2780

■ 217.1680, 25.9500,
3.2780

■ 203.8660, 38.6040,
5.2280

■ 230.4700, 13.2960,
1.3280

■ 191.0370, 51.3040,
6.3440

■ 243.2990, 0.5960,
0.2120

■ 177.7350, 63.9580,
8.2940

■ 251.7110, -6.5560,
-2.3320

■ 164.9060, 76.6580,
9.4100

■ 151.6040, 89.3120,
11.3600

■ 138.3020,
101.9660, 13.3100

■ 125.4730,
114.6660, 14.4260

■ 112.8720,
126.7240, 16.1640

Harmonies

Analogous

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



218.3730, 24.1150, 9.0030



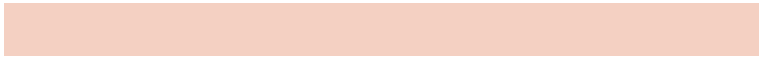
217.1680, 25.9500, 3.2780



215.4290, 20.5410, -3.3230

Triad

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



217.1680, 25.9500, 3.2780



210.9280, -17.8330, -12.7210



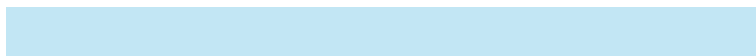
216.4090, -11.0970, 8.3830

Complementary

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



217.1680, 25.9500, 3.2780



220.8320, -25.9500, -3.2780

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.



214.0760, -23.5210, 2.2630



217.1680, 25.9500, 3.2780



210.2460, -27.4160, -9.7520

Square

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



217.1680, 25.9500, 3.2780



212.0560, -3.5740, -12.3260



211.1520, -29.8470, -4.2390



217.9440, 3.5740, 12.3260

Rectangle

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



217.1680, 25.9500, 3.2780



214.6730, 13.8020, -7.8460



211.1520, -29.8470, -4.2390



215.1310, -16.1860, 6.9980

Sweetspot

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



217.1680, 25.9500, 3.2780



246.8330, 7.8400, 1.0880



213.1680, 17.9230, 22.1070



122.8650, 4.8140, 0.8620



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.



217.1680, 25.9500, 3.2780



220.7020, 33.1940, 4.1540



231.2560, 19.3500, -9.2740



115.9360, 6.0520, 0.4520



86.1380, 96.5560, 12.2360



27.0330, 30.7640, 4.1400

Inverse Universe

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



220.8320, -25.9500, -3.2780



225.2980, -33.1940, -4.1540



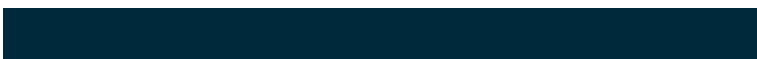
206.7440, -19.3500, 9.2740



116.6510, -6.3270, -0.9750



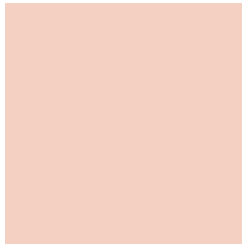
99.8620, -96.5560, -12.2360



31.3800, -30.4890, -3.6170

Previews

White Background



This preview shows how the YIQ color 217.1680, 25.9500, 3.2780 looks on a white background.

Color Contrast Check

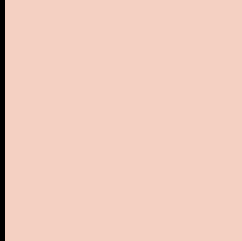
Large Text (above 18pt) WCAG AA × Fail

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 217.1680, 25.9500, 3.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

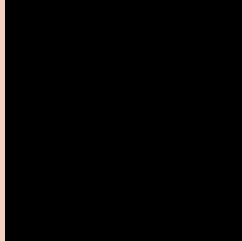
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.1680, 25.9500, 3.2780

Background



This preview shows how black text looks on a background with the YIQ color 217.1680, 25.9500, 3.2780.



This preview shows how white text looks on a background with the YIQ color 217.1680, 25.9500,

3.2780.

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

217.1680, 25.9500, 3.2780

Protanopia

215.7530, 10.8210, -3.3790

Deuteranopia

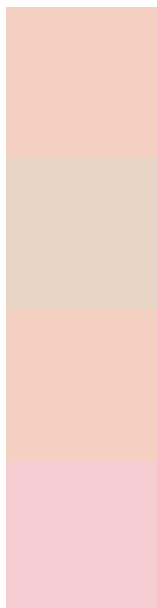
217.1680, 25.9500, 3.2780



Tritanopia

218.6810, 20.4920, 14.0920

Trichromacy



Original Color

217.1680, 25.9500, 3.2780

Protanomaly

215.9710, 16.1390, -0.6370

Deuteranomaly

217.1680, 25.9500, 3.2780

Tritanomaly

217.9430, 22.5100, 10.5580

Monochromacy



Original Color

217.1680, 25.9500, 3.2780

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.3170, 9.3530, 1.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.1680, 25.9500, 3.2780 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, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 194)  
}
```

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, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 194) }
```

Border

The CSS property to change the border of an element to YIQ 217.1680, 25.9500, 3.2780 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, 208, 194) }
```


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

```
.border{ border-color:rgb(244, 208, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 208, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 217.1680, 25.9500, 3.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 194) }
```

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

```
.background{ background-color: rgb(244,  
208, 194) }
```

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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