

Converting Colors

YIQ(214.2220, 25.8580, 4.9460)

Have a look what the booklet for
YIQ(214.2220, 25.8580, 4.9460)
contains.

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Color

**YIQ(214.2220, 25.8580,
4.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CCC2
RGB	242, 204, 194
RGB Percent	95%, 80%, 76%
CMY	0.0509, 0.2000, 0.2391
CMYK	0.00, 0.16, 0.20, 0.05
HSL	12°, 65%, 85%
HSV	12°, 20%, 95%
XYZ	67.9551, 65.9555, 60.2046
YIQ	214.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

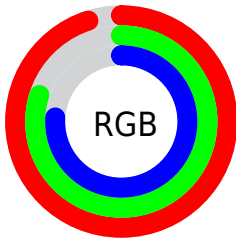
Format	Color
R _Y B	242, 207, 194
Decimal	15912130
CIE Lab	84.97, 11.86, 9.94
CIE LCh	85, 15.475, 39.957
Yxy	65.9555, 0.3501, 0.3398
Android (android.graphics.Color)	4294102210 (0xFFFF2CCC2)
YUV	214.2220, -9.9694, 24.3613
Hunter-Lab	81.2130, 7.2376, 12.8964

Details

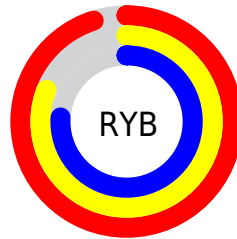
The YIQ color **214.2220, 25.8580, 4.9460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221.7780, -25.8580, -4.9460**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.4300, 1.6050, -1.5550**, and **159.3250, 24.0700, 4.3100** is the 20% darker color. If you saturate the color by 10%, you get **200.3330, 38.7870, 7.4190**, and if you desaturate by 10%, it is **228.1110, 12.9290, 2.4730**.

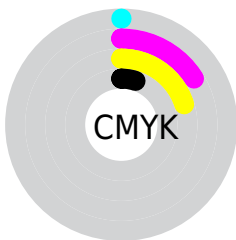
Distribution



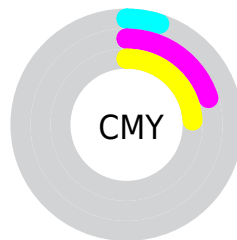
- Red (95%)
- Green (80%)
- Blue (76%)



- Red (95%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2220, 25.8580, 4.9460 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 214.2220, 25.8580, 4.9460 by changing the saturation by 10% instead.

214.2220, 25.8580,
4.9460

214.2220, 25.8580,
4.9460

255.0000, -0.0000,
-0.0000

186.6240, 24.6660,
4.5220

254.5440, 1.2840,
-1.2440

159.3250, 24.0700,
4.3100

133.1400, 23.1530,
4.4090

107.8410, 22.5570,
4.1970

83.3570, 21.0440,
4.0840

59.8730, 19.5310,
3.9710

37.9760, 17.7430,

3.3350

■ 15.4600, 19.2560,
3.4480

■ 0.0000, 0.0000,
0.0000

■ 214.2220, 25.8580,
4.9460

■ 214.2220, 25.8580,
4.9460

■ 200.3330, 38.7870,
7.4190

■ 228.1110, 12.9290,
2.4730

■ 186.4440, 51.7160,
9.8920

■ 242.0000, -0.0000,
0.0000

■ 171.8540, 65.2410,
12.5770

■ 251.1130, -7.7480,
-2.7560

■ 157.9650, 78.1700,
15.0500

■ 144.0760, 91.0990,
17.5230

■ 130.1870,
104.0280, 19.9960

■ 116.2980,
116.9570, 22.4690

■ 102.2950,
130.2070, 24.6310

■ 101.7080,
130.4820, 25.1540

Harmonies

Analogous

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



214.9430, 22.5100, 10.5580



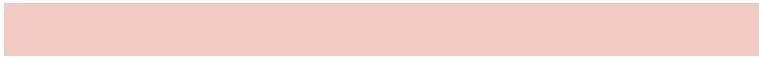
214.2220, 25.8580, 4.9460



212.8530, 22.2830, -1.8530

Triad

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



214.2220, 25.8580, 4.9460



208.0810, -13.8900, -12.5940



212.6150, -14.6730, 7.1110

Complementary

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



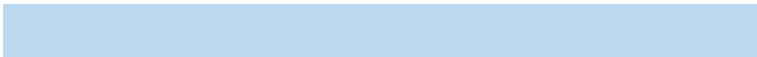
214.2220, 25.8580, 4.9460



221.7780, -25.8580, -4.9460

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.



209.6520, -25.2630, 0.7930



214.2220, 25.8580, 4.9460



207.0890, -25.5360, -10.7840

Square

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



214.2220, 25.8580, 4.9460



209.4370, -0.2730, -11.5770



207.9840, -29.4340, -6.2180



214.3780, -0.6440, 11.6760

Rectangle

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



214.2220, 25.8580, 4.9460



211.6950, 16.7360, -5.9520



207.9840, -29.4340, -6.2180



211.4080, -18.5240, 5.3160

Sweetspot

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



214.2220, 25.8580, 4.9460



246.2460, 8.1150, 1.6110



212.6840, 16.4100, 21.9940



122.2780, 5.0890, 1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

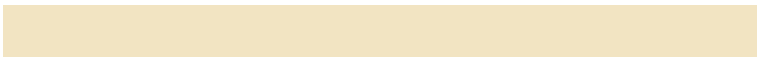
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.2220, 25.8580, 4.9460



219.8700, 32.7810, 6.1330



228.3100, 19.2580, -7.6060



112.7620, 6.6020, 1.4980



77.3220, 99.2140, 19.1340



23.7880, 30.0760, 5.5960

Inverse Universe

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



221.7780, -25.8580, -4.9460



229.1300, -32.7810, -6.1330



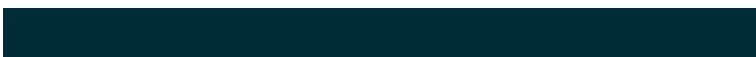
207.6900, -19.2580, 7.6060



114.6510, -6.3270, -0.9750



106.0910, -98.9390, -18.6110



32.2120, -30.0760, -5.5960

Previews

White Background



This preview shows how the YIQ color 214.2220, 25.8580, 4.9460 looks on a white background.

Color Contrast Check

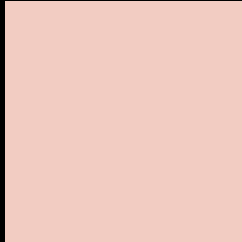
Large Text (above 18pt) WCAG AA × Fail

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 214.2220, 25.8580, 4.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

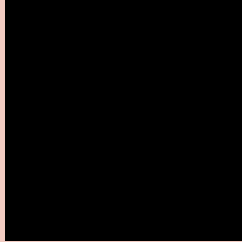
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.2220, 25.8580, 4.9460

Background



This preview shows how black text looks on a background with the YIQ color 214.2220, 25.8580, 4.9460.



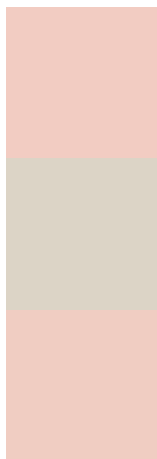
This preview shows how white text looks on a background with the YIQ color 214.2220, 25.8580,

4.9460.

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

214.2220, 25.8580, 4.9460

Protanopia

212.7960, 9.2620, -2.6580

Deuteranopia

214.2110, 24.3910, 3.9990



Tritanopia

215.8660, 21.4090, 13.9930

Trichromacy



Original Color

214.2220, 25.8580, 4.9460

Protanomaly

213.3130, 15.1760, 0.2960

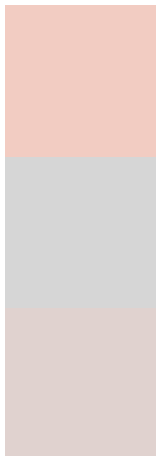
Deuteranomaly

214.5100, 24.9870, 4.2110

Tritanomaly

215.2420, 23.1060, 10.7700

Monochromacy



Original Color

214.2220, 25.8580, 4.9460

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8440, 9.3070, 2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2220, 25.8580, 4.9460 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(242, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 204, 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(242, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 204, 194) }
```

Border

The CSS property to change the border of an element to YIQ 214.2220, 25.8580, 4.9460 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(242, 204, 194) }
```


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

```
.border{ border-color:rgb(242, 204, 194) }
```

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

Here you see how a box with a 4 pixel rgb(242, 204, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 204,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2220, 25.8580, 4.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 204, 194) }
```

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

```
.background{ background-color: rgb(242,  
204, 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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