

Converting Colors

YIQ(215.6270, 20.5840, 12.4240)

Have a look what the booklet for
YIQ(215.6270, 20.5840, 12.4240)
contains.

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Color

**YIQ(215.6270, 20.5840,
12.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CAD6
RGB	243, 202, 214
RGB Percent	95%, 79%, 84%
CMY	0.0469, 0.2079, 0.1607
CMYK	0.00, 0.17, 0.12, 0.05
HSL	342°, 63%, 87%
HSV	342°, 17%, 95%
XYZ	70.2278, 66.1484, 72.6972
YIQ	215.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

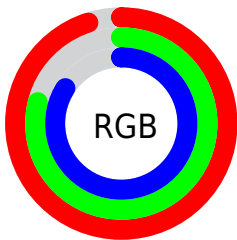
Format	Color
R _Y B	243, 202, 214
Decimal	15977174
CIE Lab	85.07, 16.37, -0.54
CIE LCh	85, 16.376, 358.107
Yxy	66.1484, 0.3359, 0.3164
Android (android.graphics.Color)	4294167254 (0xFFF3CAD6)
YUV	215.6270, -0.8021, 24.0061
Hunter-Lab	81.3317, 11.7998, 3.9366

Details

The YIQ color **215.6270, 20.5840, 12.4240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.3730, -20.5840, -12.4240**, 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 **160.6160, 19.1170, 11.4770** is the 20% darker color. If you saturate the color by 10%, you get **199.6010, 32.6410, 19.6890**, and if you desaturate by 10%, it is **231.6530, 8.5270, 5.1590**.

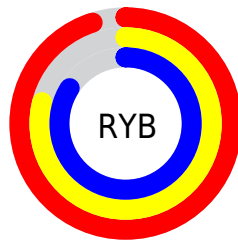
Distribution



Red (95%)

Green (79%)

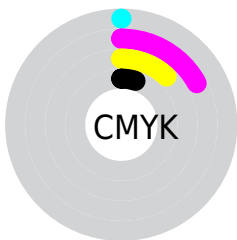
Blue (84%)



Red (95%)

Yellow (79%)

Blue (84%)

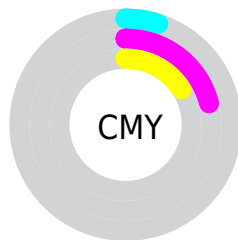


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (5%)



Cyan (5%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.6270, 20.5840, 12.4240 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 215.6270, 20.5840, 12.4240 by changing the saturation by 10% instead.

215.6270, 20.5840,
12.4240

215.6270, 20.5840,
12.4240

255.0000, -0.0000,
-0.0000

187.9150, 19.7130,
11.6890

160.9150, 19.7130,
11.6890

134.3170, 18.5210,
11.2650

109.0180, 17.9250,
11.0530

84.4200, 16.7330,
10.6290

60.8220, 15.5410,
10.2050

38.5230, 14.9450,

9.9930

■ 16.6370, 14.6240,
10.3040

■ 0.0000, 0.0000,
0.0000

■ 215.6270, 20.5840,
12.4240

■ 215.6270, 20.5840,
12.4240

■ 199.6010, 32.6410,
19.6890

■ 231.6530, 8.5270,
5.1590

■ 182.9880, 44.9730,
27.4770

■ 248.2660, -3.8050,
-2.6290

■ 166.8480, 57.3510,
34.4310

■ 251.4120, -7.1520,
-2.5440

■ 150.8220, 69.4080,
41.6960

■ 134.2090, 81.7400,
49.4840

■ 118.1830, 93.7970,
56.7490

■ 102.1570,
105.8540, 64.0140

■ 86.1310, 117.9110,
71.2790

■ 80.7510, 122.0370,
73.5970

Harmonies

Analogous

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



215.2220, 8.6630, 13.7110



215.6270, 20.5840, 12.4240



215.1020, 26.3160, 7.6600

Triad

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



215.6270, 20.5840, 12.4240



210.3730, 5.7790, -11.1250



209.2060, -29.9390, -2.5710

Complementary

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



215.6270, 20.5840, 12.4240



229.3730, -20.5840, -12.4240

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.



207.2180, -30.2130, -8.6210



215.6270, 20.5840, 12.4240



208.5930, -9.5800, -13.6120

Square

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



215.6270, 20.5840, 12.4240



212.1790, 18.2490, -5.8390



207.5900, -22.6930, -12.7490



211.6250, -20.6330, 4.9910

Rectangle

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



215.6270, 20.5840, 12.4240



214.3530, 26.8670, 3.1790



207.5900, -22.6930, -12.7490



208.2550, -31.6350, -4.8750

Sweetspot

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



215.6270, 20.5840, 12.4240



246.3430, 6.4640, 4.0000



215.3450, 4.1230, 18.8990



122.6200, 4.1260, 2.3180



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.



215.6270, 20.5840, 12.4240



220.9590, 25.5810, 15.4770



218.9550, 22.2360, 4.5080



114.0440, 5.8680, 3.7880



61.8840, 93.2010, 56.5370



19.5790, 29.7070, 17.7950

Inverse Universe

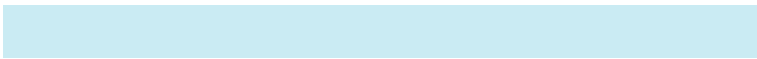
The Inverse Universe completely reimagines the original color for something new.



215.6270, 20.5840, 12.4240



220.9590, 25.5810, 15.4770



226.0450, -22.2360, -4.5080



114.0440, 5.8680, 3.7880



61.8840, 93.2010, 56.5370



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 215.6270, 20.5840, 12.4240 looks on a white background.

Color Contrast Check

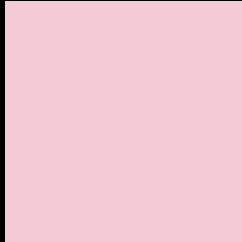
Large Text (above 18pt) WCAG AA × Fail

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 215.6270, 20.5840, 12.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

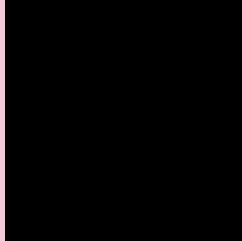
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.6270, 20.5840, 12.4240

Background



This preview shows how black text looks on a background with the YIQ color 215.6270, 20.5840, 12.4240.

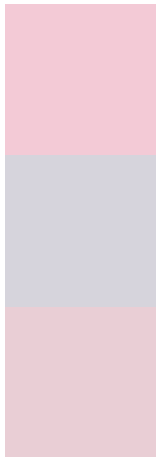


This preview shows how white text looks on a background with the YIQ color 215.6270, 20.5840,

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

215.6270, 20.5840, 12.4240

Protanopia

213.5100, -1.3760, 2.9120

Deuteranopia

214.8710, 13.8450, 7.9010



Tritanopia

215.3820, 19.8960, 13.8800

Trichromacy



Original Color

215.6270, 20.5840, 12.4240

Protanomaly

214.2230, 6.9220, 6.7140

Deuteranomaly

215.4800, 16.5040, 9.2720

Tritanomaly

215.2680, 20.2170, 13.5690

Monochromacy



Original Color

215.6270, 20.5840, 12.4240

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.6270, 20.5840, 12.4240 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(243, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 214)  
}
```

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(243, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 214) }
```

Border

The CSS property to change the border of an element to YIQ 215.6270, 20.5840, 12.4240 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(243, 202, 214) }
```


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

```
.border{ border-color:rgb(243, 202, 214) }
```

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

Here you see how a box with a 4 pixel rgb(243, 202, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 215.6270, 20.5840, 12.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 214) }
```

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

```
.background{ background-color: rgb(243,  
202, 214) }
```

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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