

Converting Colors

YIQ(215.6760, 28.0560, 20.1840)

Have a look what the booklet for
YIQ(215.6760, 28.0560, 20.1840)
contains.

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Color

**YIQ(215.6760, 28.0560,
20.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3DB
RGB	255, 195, 219
RGB Percent	100%, 76%, 86%
CMY	0.0000, 0.2354, 0.1411
CMYK	0.00, 0.24, 0.14, 0.00
HSL	336°, 100%, 88%
HSV	336°, 24%, 100%
XYZ	73.5388, 65.3947, 75.7807
YIQ	215.6760, 28.0560, 20.1840

Conversions

Conversions Part 2

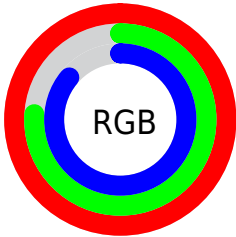
Format	Color
R _Y B	255, 195, 219
Decimal	16761819
CIE Lab	84.69, 25.02, -3.64
CIE LCh	85, 25.287, 351.718
Yxy	65.3947, 0.3425, 0.3046
Android (android.graphics.Color)	4294951899 (0xFFFFC3DB)
YUV	215.6760, 1.6387, 34.4871
Hunter-Lab	80.8670, 20.8071, 1.0460

Details

The YIQ color $215.6760, 28.0560, 20.1840$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $234.3240, -28.0560, -20.1840$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $160.6650, 26.5890, 19.2370$ is the 20% darker color. If you saturate the color by 10%, you get $198.7040, 40.0210, 29.1170$, and if you desaturate by 10%, it is $232.0610, 16.3660, 11.7740$.

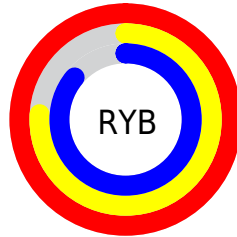
Distribution



Red (100%)

Green (76%)

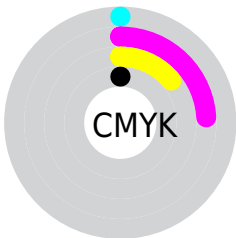
Blue (86%)



Red (100%)

Yellow (76%)

Blue (86%)

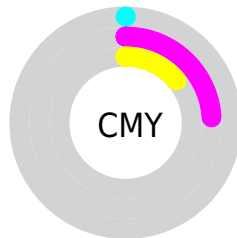


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.6760, 28.0560, 20.1840 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 215.6760, 28.0560, 20.1840 by changing the saturation by 10% instead.


 215.6760, 28.0560,
20.1840


 215.6760, 28.0560,
20.1840


255.0000, -0.0000,
-0.0000


 187.9640, 27.1850,
19.4490


 253.2390, 0.8250,
1.5690

 160.6650, 26.5890,
19.2370

 134.0670, 25.3970,
18.8130

 108.3550, 24.5260,
18.0780

 83.7570, 23.3340,
17.6540

 59.8600, 21.5460,
17.0180

 36.3760, 20.0330,

16.9050

■ 15.3650, 18.5660,
15.9580

■ 1.7940, 3.5760,
1.2720

■ 215.6760, 28.0560,
20.1840

■ 215.6760, 28.0560,
20.1840

■ 198.7040, 40.0210,
29.1170

■ 232.0610, 16.3660,
11.7740

■ 182.2050, 52.0320,
37.2160

■ 249.1470, 4.0800,
3.1520

■ 165.2330, 63.9970,
46.1490

255.0000, -0.0000,
-0.0000

■ 148.8480, 75.6870,
54.5590

■ 131.8760, 87.6520,
63.4920

■ 115.3770, 99.6630,
71.5910

■ 98.4050, 111.6280,
80.5240

■ 87.8730, 119.2380,
85.7820

Harmonies

Analogous

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



215.4380, 8.2950, 20.3830



215.6760, 28.0560, 20.1840



212.9400, 35.7600, 12.7200

Triad

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



215.6760, 28.0560, 20.1840



208.3320, 13.0240, -15.7760



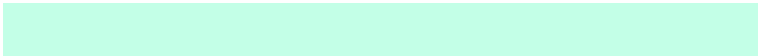
203.7350, -50.6620, -6.9660

Complementary

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



215.6760, 28.0560, 20.1840



234.3240, -28.0560, -20.1840

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.



201.4220, -48.6430, -16.0270



215.6760, 28.0560, 20.1840



205.3770, -9.2120, -20.2840

Square

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



215.6760, 28.0560, 20.1840



211.4700, 30.4910, -7.4370



202.8720, -32.5950, -20.5230



208.1870, -36.9550, 3.4370

Rectangle

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



215.6760, 28.0560, 20.1840



213.1050, 39.4290, 6.7970



202.8720, -32.5950, -20.5230



202.1430, -51.9910, -10.4150

Sweetspot

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



215.6760, 28.0560, 20.1840



243.1800, 8.4810, 5.9930



212.3050, 1.6000, 26.0800



120.7450, 5.2720, 3.5760



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.



215.6760, 28.0560, 20.1840



208.4210, 33.3280, 23.7600



215.8750, 34.3850, 10.1050



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Inverse Universe

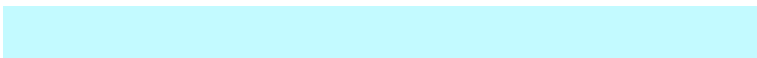
The Inverse Universe completely reimagines the original color for something new.



215.6760, 28.0560, 20.1840



208.4210, 33.3280, 23.7600



234.1250, -34.3850, -10.1050



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 215.6760, 28.0560, 20.1840 looks on a white background.

Color Contrast Check

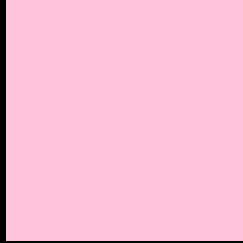
Large Text (above 18pt) WCAG AA × Fail

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 215.6760, 28.0560, 20.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

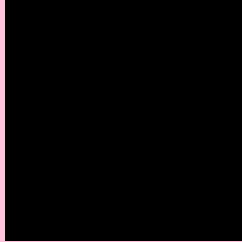
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.6760, 28.0560, 20.1840

Background



This preview shows how black text looks on a background with the YIQ color 215.6760, 28.0560, 20.1840.



This preview shows how white text looks on a background with the YIQ color 215.6760, 28.0560,

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

215.6760, 28.0560, 20.1840

Protanopia

212.3510, -5.1820, 5.8100

Deuteranopia

213.8430, 11.0480, 9.0320



Tritanopia

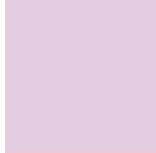
215.0520, 29.7530, 16.9610

Trichromacy



Original Color

215.6760, 28.0560, 20.1840



Protanomaly

213.8580, 6.6920, 10.8840



Deuteranomaly

214.3000, 17.1910, 13.3430



Tritanomaly

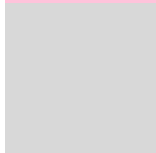
215.3940, 28.7900, 17.8940

Monochromacy



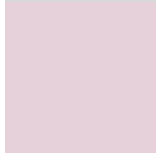
Original Color

215.6760, 28.0560, 20.1840



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.6040, 10.2230, 7.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.6760, 28.0560, 20.1840 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(255, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 219)  
}
```

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(255, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 219) }
```

Border

The CSS property to change the border of an element to YIQ 215.6760, 28.0560, 20.1840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

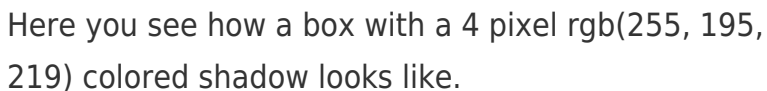
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 195, 219) }
```


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

```
.border{ border-color:rgb(255, 195, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 219); box-shadow:4px 4px 4px 4px rgb(255, 195, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 215.6760, 28.0560, 20.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 219) }
```

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

```
.background{ background-color: rgb(255,  
195, 219) }
```

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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