

Converting Colors

YIQ(215.7440, 33.3760, 11.8720)

Have a look what the booklet for
YIQ(215.7440, 33.3760, 11.8720)
contains.

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Color

**YIQ(215.7440, 33.3760,
11.8720)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC7C7 |
| RGB | 255, 199, 199 |
| RGB Percent | 100%, 78%, 78% |
| CMY | 0.0000, 0.2197, 0.2195 |
| CMYK | 0.00, 0.22, 0.22, 0.00 |
| HSL | 360°, 100%, 89% |
| HSV | 360°, 22%, 100% |
| XYZ | 71.9707, 66.2211, 63.0421 |
| YIQ | 215.7440, 33.3760, 11.8720 |

Conversions

Conversions Part 2

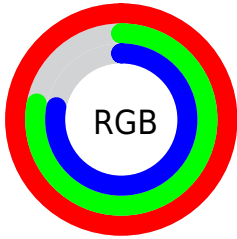
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 199, 199 |
| Decimal | 16762823 |
| CIE Lab | 85.11, 19.92, 7.63 |
| CIE LCh | 85, 21.329, 20.966 |
| Yxy | 66.2211, 0.3576, 0.3291 |
| Android (android.graphics.Color) | 4294952903 (0xFFFFC7C7) |
| YUV | 215.7440, -8.2548, 34.4275 |
| Hunter-Lab | 81.3764, 15.4601, 11.0316 |

Details

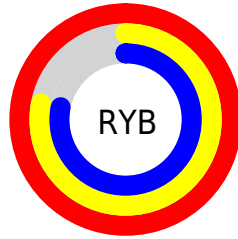
The YIQ color **215.7440, 33.3760, 11.8720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **238.2560, -33.3760, -11.8720**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.5480, 30.9920, 11.0240** is the 20% darker color. If you saturate the color by 10%, you get **197.6320, 48.5510, 17.6950**, and if you desaturate by 10%, it is **233.3830, 18.1550, 6.8830**.

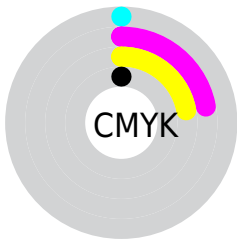
Distribution



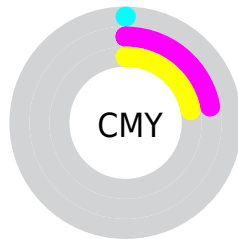
- Red (100%)
- Green (78%)
- Blue (78%)



- Red (100%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.7440, 33.3760, 11.8720 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 215.7440, 33.3760, 11.8720 by changing the saturation by 10% instead.


 215.7440, 33.3760,
11.8720


 215.7440, 33.3760,
11.8720


255.0000, -0.0000,
-0.0000


 188.1460, 32.1840,
11.4480

 160.5480, 30.9920,
11.0240

 134.3630, 30.0750,
11.1230

 108.4660, 28.2870,
10.4870

 83.8680, 27.0950,
10.0630

 60.0850, 24.9860,
9.7380

 37.6010, 23.4730,

9.6250

■ 14.1450, 24.7570,
8.3810

■ 0.0000, 0.0000,
0.0000

■ 215.7440, 33.3760,
11.8720

■ 215.7440, 33.3760,
11.8720

■ 197.6320, 48.5510,
17.6950

■ 233.3830, 18.1550,
6.8830

■ 179.9930, 63.7720,
22.6840

■ 251.4950, 2.9800,
1.0600

■ 161.8810, 78.9470,
28.5070

255.0000, -0.0000,
-0.0000

■ 144.2420, 94.1680,
33.4960

■ 126.1300,
109.3430, 39.3190

■ 108.4910,
124.5640, 44.3080

■ 90.3790, 139.7390,
50.1310

■ 76.2450, 151.9800,
54.0600

Harmonies

Analogous

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



216.3440, 23.0590, 17.1310



215.7440, 33.3760, 11.8720



214.3600, 34.1570, 3.2210

Triad

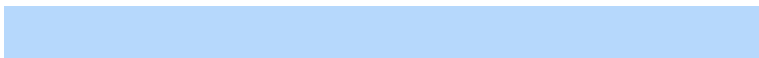
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.7440, 33.3760, 11.8720



207.8550, -7.5620, -17.1460



209.9380, -31.8200, 3.9880

Complementary

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



215.7440, 33.3760, 11.8720



238.2560, -33.3760, -11.8720

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.



206.1660, -41.6300, -5.4540



215.7440, 33.3760, 11.8720



205.8020, -26.4060, -17.0460

Square

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



215.7440, 33.3760, 11.8720



210.4290, 11.3730, -13.3870



204.7930, -39.3820, -13.1580



213.9620, -14.0320, 12.0160

Rectangle

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



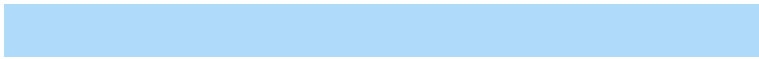
215.7440, 33.3760, 11.8720



213.2190, 29.9400, -2.9560



204.7930, -39.3820, -13.1580



208.7910, -35.9000, 0.8360

Sweetspot

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



215.7440, 33.3760, 11.8720



242.3820, 10.7280, 3.8160



221.8290, 14.8040, 29.0760



120.2890, 6.5560, 2.3320



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.



215.7440, 33.3760, 11.8720



208.7340, 39.3360, 13.9920



231.5930, 25.9510, -2.2490



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Inverse Universe

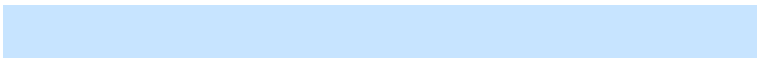
The Inverse Universe completely reimagines the original color for something new.



215.7440, 33.3760, 11.8720



208.7340, 39.3360, 13.9920



222.4070, -25.9510, 2.2490



118.8870, 7.7480, 2.7560



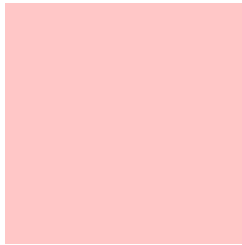
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 215.7440, 33.3760, 11.8720 looks on a white background.

Color Contrast Check

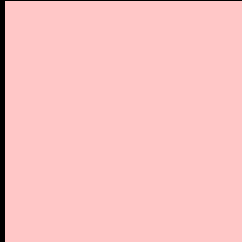
Large Text (above 18pt) WCAG AA × Fail

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 215.7440, 33.3760, 11.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

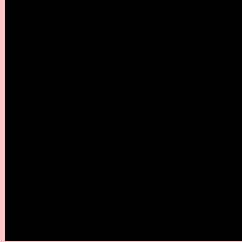
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.7440, 33.3760, 11.8720

Background



This preview shows how black text looks on a background with the YIQ color 215.7440, 33.3760, 11.8720.



This preview shows how white text looks on a background with the YIQ color 215.7440, 33.3760,

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

215.7440, 33.3760, 11.8720

Protanopia

213.1100, 5.5020, -0.5940

Deuteranopia

214.3680, 22.5110, 5.0310



Tritanopia

216.6390, 29.4780, 16.4380

Trichromacy



Original Color

215.7440, 33.3760, 11.8720

Protanomaly

213.7200, 15.5880, 3.8440

Deuteranomaly

214.9880, 26.6370, 7.3490

Tritanomaly

216.0690, 31.0830, 14.8830

Monochromacy



Original Color

215.7440, 33.3760, 11.8720

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9800, 11.9200, 4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7440, 33.3760, 11.8720 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 199) }
```

Border

The CSS property to change the border of an element to YIQ 215.7440, 33.3760, 11.8720 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, 199, 199) }
```


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

```
.border{ border-color:rgb(255, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7440, 33.3760, 11.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 199) }
```

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

```
.background{ background-color: rgb(255,  
199, 199) }
```

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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