

Converting Colors

YIQ(199.5150, 35.7590, 18.2470)

Have a look what the booklet for
YIQ(199.5150, 35.7590, 18.2470)
contains.

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Color

**YIQ(199.5150, 35.7590,
18.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B2BF
RGB	245, 178, 191
RGB Percent	96%, 70%, 75%
CMY	0.0390, 0.3020, 0.2508
CMYK	0.00, 0.27, 0.22, 0.04
HSL	348°, 77%, 83%
HSV	348°, 27%, 96%
XYZ	62.9936, 55.0128, 56.6080
YIQ	199.5150, 35.7590, 18.2470

Conversions

Conversions Part 2

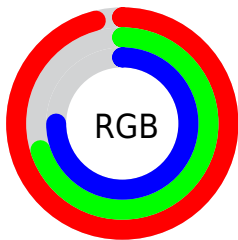
Format	Color
R _Y B	245, 178, 191
Decimal	16102079
CIE Lab	79.05, 26.24, 3.06
CIE LCh	79, 26.421, 6.647
Yxy	55.0128, 0.3608, 0.3151
Android (android.graphics.Color)	4294292159 (0xFFFF5B2BF)
YUV	199.5150, -4.1979, 39.8903
Hunter-Lab	74.1706, 21.8025, 6.6685

Details

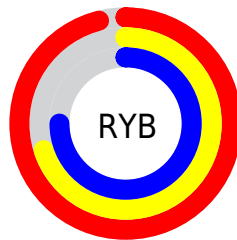
The YIQ color $199.5150, 35.7590, 18.2470$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.4850, -35.7590, -18.2470$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.7610, 8.3430, 8.4950$, and $145.3190, 33.3750, 17.3990$ is the 20% darker color. If you saturate the color by 10%, you get $182.5600, 49.0540, 25.1020$, and if you desaturate by 10%, it is $215.8830, 22.7390, 11.9150$.

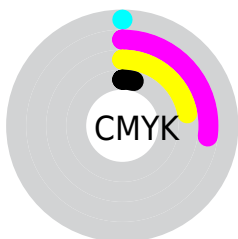
Distribution



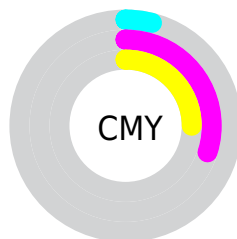
- Red (96%)
- Green (70%)
- Blue (75%)



- Red (96%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.5150, 35.7590, 18.2470 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 199.5150, 35.7590, 18.2470 by changing the saturation by 10% instead.


 199.5150, 35.7590,
18.2470


 199.5150, 35.7590,
18.2470


255.0000, -0.0000,
-0.0000


 171.9170, 34.5670,
17.8230


 241.7610, 8.3430,
8.4950

 145.3190, 33.3750,
17.3990

 118.7210, 32.1830,
16.9750

 93.8240, 30.3950,
16.3390

 69.3400, 28.8820,
16.2260

 45.5570, 26.7730,
15.9010

 22.1870, 24.9390,

16.0990

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 199.5150, 35.7590,
18.2470

■ 199.5150, 35.7590,
18.2470

■ 182.5600, 49.0540,
25.1020

■ 215.8830, 22.7390,
11.9150

■ 166.3060, 61.7530,
31.7450

■ 232.8380, 9.4440,
5.0600

■ 149.3510, 75.0480,
38.6000

■ 249.0920, -3.2550,
-1.5830

■ 132.9830, 88.0680,
44.9320

■ 252.0100, -5.9600,
-2.1200

■ 116.0280,
101.3630, 51.7870

■ 99.7740, 114.0620,
58.4300

■ 82.8190, 127.3570,
65.2850

■ 78.7270, 130.6120,
66.8680

Harmonies

Analogous

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



200.2390, 19.1610, 21.6970



199.5150, 35.7590, 18.2470



198.3550, 41.7210, 9.3130

Triad

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



199.5150, 35.7590, 18.2470



191.0640, 1.9750, -19.2810



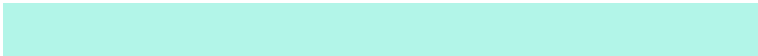
189.5660, -48.5080, -1.9480

Complementary

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



199.5150, 35.7590, 18.2470



223.4850, -35.7590, -18.2470

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.



185.0070, -54.6040, -12.6200



199.5150, 35.7590, 18.2470



187.7930, -22.1870, -21.9230

Square

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



199.5150, 35.7590, 18.2470



194.3010, 23.4770, -12.4830



185.3530, -44.1950, -19.5470



194.8940, -28.5200, 10.2640

Rectangle

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



199.5150, 35.7590, 18.2470



196.9430, 39.7050, 1.7930



185.3530, -44.1950, -19.5470



187.3050, -52.2670, -5.4110

Sweetspot

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



199.5150, 35.7590, 18.2470



241.4360, 10.6360, 5.4840



201.7840, 10.6770, 32.2850



119.1150, 7.1060, 3.3780



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.



199.5150, 35.7590, 18.2470



197.9400, 44.9280, 22.7840



209.7730, 34.4320, 3.7440



113.9300, 6.1890, 3.4770



59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Inverse Universe

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



199.5150, 35.7590, 18.2470



197.9400, 44.9280, 22.7840



213.2270, -34.4320, -3.7440



113.9300, 6.1890, 3.4770



59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Previews

White Background



This preview shows how the YIQ color 199.5150, 35.7590, 18.2470 looks on a white background.

Color Contrast Check

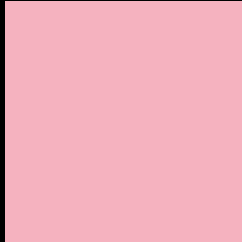
Large Text (above 18pt) WCAG AA × Fail

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 199.5150, 35.7590, 18.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

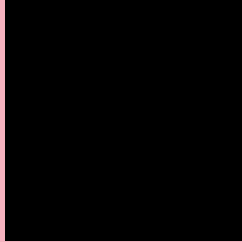
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5150, 35.7590, 18.2470

Background



This preview shows how black text looks on a background with the YIQ color 199.5150, 35.7590, 18.2470.



This preview shows how white text looks on a background with the YIQ color 199.5150, 35.7590,

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

199.5150, 35.7590, 18.2470

Protanopia

196.5810, -0.1380, 2.5020

Deuteranopia

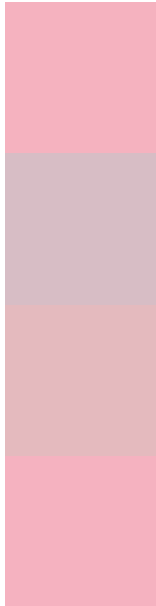
198.2580, 17.0090, 5.6250



Tritanopia

199.6290, 35.4380, 18.5580

Trichromacy



Original Color

199.5150, 35.7590, 18.2470

Protanomaly

197.6860, 12.9280, 8.0000

Deuteranomaly

199.0140, 23.7480, 10.1480

Tritanomaly

199.6290, 35.4380, 18.5580

Monochromacy



Original Color

199.5150, 35.7590, 18.2470

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.7460, 12.6990, 6.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5150, 35.7590, 18.2470 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(245, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 191)  
}
```

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(245, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 191) }
```

Border

The CSS property to change the border of an element to YIQ 199.5150, 35.7590, 18.2470 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(245, 178, 191) }
```


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

```
.border{ border-color:rgb(245, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5150, 35.7590, 18.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 191) }
```

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

```
.background{ background-color: rgb(245,  
178, 191) }
```

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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