

Converting Colors

YIQ(201.5150, 35.7590, 18.2470)

Have a look what the booklet for
YIQ(201.5150, 35.7590, 18.2470)
contains.

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Color

**YIQ(201.5150, 35.7590,
18.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B4C1
RGB	247, 180, 193
RGB Percent	97%, 71%, 76%
CMY	0.0312, 0.2942, 0.2430
CMYK	0.00, 0.27, 0.22, 0.03
HSL	348°, 81%, 84%
HSV	348°, 27%, 97%
XYZ	64.3178, 56.2648, 57.9420
YIQ	201.5150, 35.7590, 18.2470

Conversions

Conversions Part 2

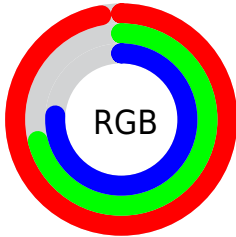
Format	Color
R _Y B	247, 180, 193
Decimal	16233665
CIE Lab	79.76, 26.19, 3.04
CIE LCh	80, 26.368, 6.618
Yxy	56.2648, 0.3603, 0.3152
Android (android.graphics.Color)	4294423745 (0xFF7B4C1)
YUV	201.5150, -4.1979, 39.8903
Hunter-Lab	75.0099, 21.7889, 6.7079

Details

The YIQ color **201.5150, 35.7590, 18.2470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **225.4850, -35.7590, -18.2470**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1630, 7.1510, 8.0710**, and **147.3190, 33.3750, 17.3990** is the 20% darker color. If you saturate the color by 10%, you get **184.5600, 49.0540, 25.1020**, and if you desaturate by 10%, it is **218.4700, 22.4640, 11.3920**.

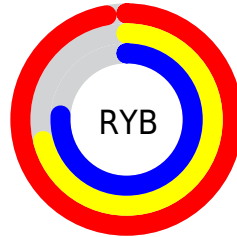
Distribution



Red (97%)

Green (71%)

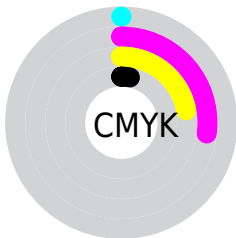
Blue (76%)



Red (97%)

Yellow (71%)

Blue (76%)

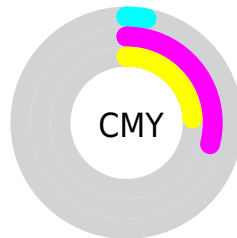


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.5150, 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 201.5150, 35.7590, 18.2470 by changing the saturation by 10% instead.


 201.5150, 35.7590,
18.2470


 201.5150, 35.7590,
18.2470


255.0000, -0.0000,
-0.0000


 173.9170, 34.5670,
17.8230


 243.1630, 7.1510,
8.0710

 147.3190, 33.3750,
17.3990

 120.7210, 32.1830,
16.9750

 95.8240, 30.3950,
16.3390

 70.9270, 28.6070,
15.7030

 47.4430, 27.0940,
15.5900

 23.6000, 25.2140,

16.6220

■ 11.7750, 22.9230,
8.5790

■ 0.0000, 0.0000,
0.0000

■ 201.5150, 35.7590,
18.2470

■ 201.5150, 35.7590,
18.2470

■ 184.5600, 49.0540,
25.1020

■ 218.4700, 22.4640,
11.3920

■ 168.1920, 62.0740,
31.4340

■ 234.8380, 9.4440,
5.0600

■ 151.2370, 75.3690,
38.2890

■ 251.7930, -3.8510,
-1.7950

■ 134.2820, 88.6640,
45.1440

■ 252.6080, -4.7680,
-1.6960

■ 117.4410,
101.6380, 52.3100

■ 101.0730,
114.6580, 58.6420

■ 84.1180, 127.9530,
65.4970

■ 79.3250, 131.8040,
67.2920

Harmonies

Analogous

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



202.2390, 19.1610, 21.6970



201.5150, 35.7590, 18.2470



200.3550, 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.



201.5150, 35.7590, 18.2470



193.0640, 1.9750, -19.2810



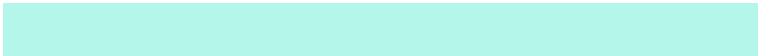
191.5660, -48.5080, -1.9480

Complementary

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



201.5150, 35.7590, 18.2470



225.4850, -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.



187.0070, -54.6040, -12.6200



201.5150, 35.7590, 18.2470



189.7930, -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.



201.5150, 35.7590, 18.2470



196.3010, 23.4770, -12.4830



187.2390, -43.8740, -19.8580



196.8940, -28.5200, 10.2640

Rectangle

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



201.5150, 35.7590, 18.2470



198.9430, 39.7050, 1.7930



187.2390, -43.8740, -19.8580



189.3050, -52.2670, -5.4110

Sweetspot

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



201.5150, 35.7590, 18.2470



241.4360, 10.6360, 5.4840



203.7840, 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.



201.5150, 35.7590, 18.2470



197.9400, 44.9280, 22.7840



211.7730, 34.4320, 3.7440



113.9300, 6.1890, 3.4770



59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Inverse Universe

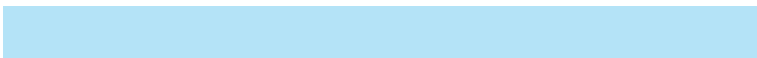
The Inverse Universe completely reimagines the original color for something new.



201.5150, 35.7590, 18.2470



197.9400, 44.9280, 22.7840



215.2270, -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 201.5150, 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 201.5150, 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 201.5150, 35.7590, 18.2470

Background



This preview shows how black text looks on a background with the YIQ color 201.5150, 35.7590, 18.2470.



This preview shows how white text looks on a background with the YIQ color 201.5150, 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

201.5150, 35.7590, 18.2470

Protanopia

198.5810, -0.1380, 2.5020

Deuteranopia

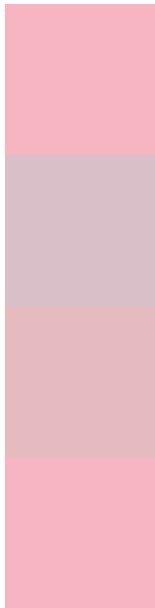
199.6710, 17.2840, 6.1480



Tritanopia

201.6290, 35.4380, 18.5580

Trichromacy



Original Color

201.5150, 35.7590, 18.2470

Protanomaly

199.6860, 12.9280, 8.0000

Deuteranomaly

200.4270, 24.0230, 10.6710

Tritanomaly

201.6290, 35.4380, 18.5580

Monochromacy



Original Color

201.5150, 35.7590, 18.2470

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.7460, 12.6990, 6.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.5150, 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(247, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 180, 193)  
}
```

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(247, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 180, 193) }
```

Border

The CSS property to change the border of an element to YIQ 201.5150, 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(247, 180, 193) }
```


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

```
.border{ border-color:rgb(247, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 180, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 180, 193); box-shadow:4px 4px 4px 4px rgb(247, 180, 193) }
```

Background

The CSS property to change the background color of an element to YIQ 201.5150, 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(247, 180, 193) }
```

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

```
.background{ background-color: rgb(247,  
180, 193) }
```

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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