

Converting Colors

YIQ(205.9080, 30.7590, 31.7750)

Have a look what the booklet for
YIQ(205.9080, 30.7590, 31.7750)
contains.

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Color

**YIQ(205.9080, 30.7590,
31.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1E2
RGB	255, 177, 226
RGB Percent	100%, 69%, 89%
CMY	0.0000, 0.3060, 0.1136
CMYK	0.00, 0.31, 0.11, 0.00
HSL	322°, 100%, 85%
HSV	322°, 31%, 100%
XYZ	70.6861, 58.1835, 79.4719
YIQ	205.9080, 30.7590, 31.7750

Conversions

Conversions Part 2

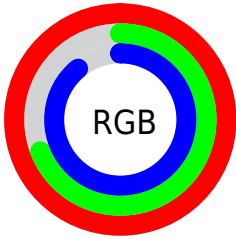
Format	Color
R_{YB}	255, 177, 226
Decimal	16757218
CIE _{Lab}	80.84, 35.59, -13.11
CIE _{LCh}	81, 37.924, 339.782
Yxy	58.1835, 0.3393, 0.2793
Android (android.graphics.Color)	4294947298 (0xFFFFB1E2)
YUV	205.9080, 9.9054, 43.0537
Hunter-Lab	76.2781, 31.9272, -8.3778

Details

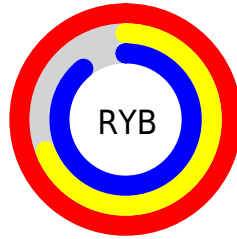
The YIQ color $205.9080, 30.7590, 31.7750$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $226.0920, -30.7590, -31.7750$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $150.5980, 28.6960, 30.6160$ is the 20% darker color. If you saturate the color by 10%, you get $189.6200, 40.7980, 42.5740$, and if you desaturate by 10%, it is $221.6090, 20.9950, 21.4990$.

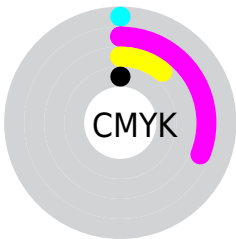
Distribution



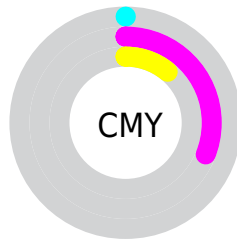
- Red (100%)
- Green (69%)
- Blue (89%)



- Red (100%)
- Yellow (69%)
- Blue (89%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.9080, 30.7590, 31.7750 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 205.9080, 30.7590, 31.7750 by changing the saturation by 10% instead.

205.9080, 30.7590,
31.7750

205.9080, 30.7590,
31.7750

255.0000, -0.0000,
-0.0000

178.1960, 29.8880,
31.0400

242.0860, 6.0500,
11.5060

150.5980, 28.6960,
30.6160

124.4730, 27.5500,
29.3580

98.1740, 26.9540,
29.1460

73.2770, 25.1660,
28.5100

48.3910, 24.8450,
28.8210

24.6080, 22.7360,

28.4960

■ 16.2340, 17.5570,
17.7250

■ 0.0000, 0.0000,
0.0000

■ 205.9080, 30.7590,
31.7750

■ 205.9080, 30.7590,
31.7750

■ 189.6200, 40.7980,
42.5740

■ 221.6090, 20.9950,
21.4990

■ 173.8050, 50.8830,
52.5390

■ 238.0110, 10.6350,
11.0110

■ 157.5170, 60.9220,
63.3380

■ 253.7120, 0.8710,
0.7350

■ 141.7020, 71.0070,
73.3030

■ 255.0000, -0.0000,
-0.0000

■ 125.4140, 81.0460,
84.1020

■ 109.5990, 91.1310,
94.0670

■ 94.4850, 100.6200,
103.8200

Harmonies

Analogous

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



204.6190, -2.1600, 28.1440



205.9080, 30.7590, 31.7750



200.0430, 43.1400, 22.1480

Triad

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



205.9080, 30.7590, 31.7750



197.0810, 29.6680, -20.0600



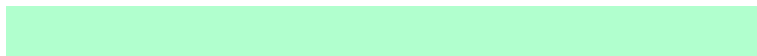
178.9190, -92.7030, -21.4950

Complementary

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



205.9080, 30.7590, 31.7750



226.0920, -30.7590, -31.7750

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.



180.4030, -73.9950, -30.1470



205.9080, 30.7590, 31.7750



193.0000, -1.1410, -28.8930

Square

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



205.9080, 30.7590, 31.7750



200.4740, 51.0310, -5.2330



187.3840, -37.4530, -31.6050



187.3120, -71.3400, -6.6680

Rectangle

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



205.9080, 30.7590, 31.7750



199.1820, 49.6980, 13.4260



187.3840, -37.4530, -31.6050



177.7680, -90.9600, -25.5520

Sweetspot

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



205.9080, 30.7590, 31.7750



240.4730, 9.2140, 9.2300



194.5630, -7.7540, 30.4060



118.5110, 6.0510, 5.9790



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.



205.9080, 30.7590, 31.7750



195.8320, 37.0850, 38.2770



201.4620, 43.2780, 19.6460



119.7990, 5.1800, 5.2440



70.7890, 75.3160, 77.8120



23.6960, 25.3040, 26.0080

Inverse Universe

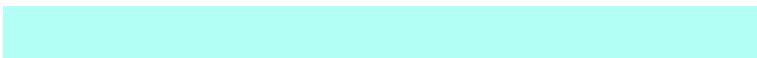
The Inverse Universe completely reimagines the original color for something new.



205.9080, 30.7590, 31.7750



195.8320, 37.0850, 38.2770



230.5380, -43.2780, -19.6460



119.7990, 5.1800, 5.2440



70.7890, 75.3160, 77.8120



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 205.9080, 30.7590, 31.7750 looks on a white background.

Color Contrast Check

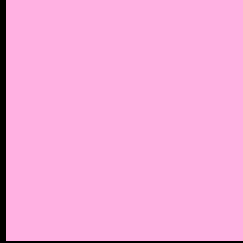
Large Text (above 18pt) WCAG AA × Fail

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 205.9080, 30.7590, 31.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

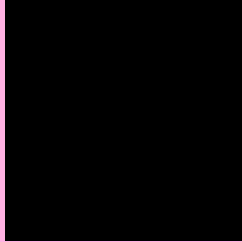
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.9080, 30.7590, 31.7750

Background



This preview shows how black text looks on a background with the YIQ color 205.9080, 30.7590, 31.7750.



This preview shows how white text looks on a background with the YIQ color 205.9080, 30.7590,

31.7750.

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

205.9080, 30.7590, 31.7750

Protanopia

201.6950, -17.6540, 11.5780

Deuteranopia

203.5630, 0.2730, 11.5770



Tritanopia

204.2270, 36.6300, 18.9820

Trichromacy



Original Color

205.9080, 30.7590, 31.7750



Protanomaly

203.3060, -0.1410, 19.0830



Deuteranomaly

204.3520, 11.4130, 18.9410



Tritanomaly

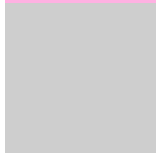
204.6060, 34.2450, 23.6610

Monochromacy



Original Color

205.9080, 30.7590, 31.7750



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

205.7230, 11.5060, 11.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.9080, 30.7590, 31.7750 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, 177, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 226)  
}
```

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, 177, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 226) }
```

Border

The CSS property to change the border of an element to YIQ 205.9080, 30.7590, 31.7750 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, 177, 226) }
```


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

```
.border{ border-color:rgb(255, 177, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 205.9080, 30.7590, 31.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 226) }
```

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

```
.background{ background-color: rgb(255,  
177, 226) }
```

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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