

Converting Colors

YIQ(205.1530, 31.4470, 30.3190)

Have a look what the booklet for
YIQ(205.1530, 31.4470, 30.3190)
contains.

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Color

**YIQ(205.1530, 31.4470,
30.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB1DE
RGB	254, 177, 222
RGB Percent	100%, 69%, 87%
CMY	0.0037, 0.3060, 0.1293
CMYK	0.00, 0.30, 0.13, 0.00
HSL	325°, 98%, 85%
HSV	325°, 30%, 100%
XYZ	69.7964, 57.7877, 76.5988
YIQ	205.1530, 31.4470, 30.3190

Conversions

Conversions Part 2

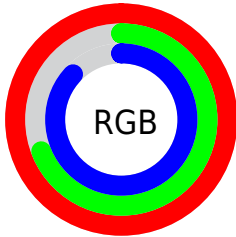
Format	Color
R_{YB}	254, 177, 222
Decimal	16691678
CIE _{Lab}	80.62, 34.63, -11.29
CIE _{LCh}	81, 36.421, 341.944
Yxy	57.7877, 0.3418, 0.2830
Android (android.graphics.Color)	4294881758 (0xFFFE _{B1DE})
YUV	205.1530, 8.3056, 42.8388
Hunter-Lab	76.0182, 30.8586, -6.5301

Details

The YIQ color $205.1530, 31.4470, 30.3190$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $225.8470, -31.4470, -30.3190$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $149.8430, 29.3840, 29.1600$ is the 20% darker color. If you saturate the color by 10%, you get $189.2240, 41.8530, 39.9730$, and if you desaturate by 10%, it is $221.0820, 21.0410, 20.6650$.

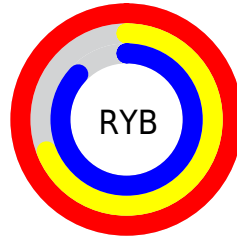
Distribution



Red (100%)

Green (69%)

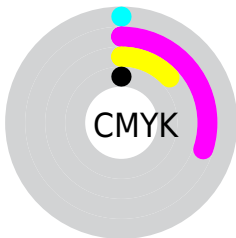
Blue (87%)



Red (100%)

Yellow (69%)

Blue (87%)

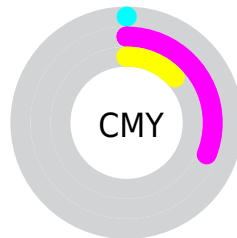


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.1530, 31.4470, 30.3190 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 205.1530, 31.4470, 30.3190 by changing the saturation by 10% instead.


 205.1530, 31.4470,
30.3190


 205.1530, 31.4470,
30.3190


255.0000, -0.0000,
-0.0000


 177.4410, 30.5760,
29.5840

 242.0860, 6.0500,
11.5060

 149.8430, 29.3840,
29.1600

 123.7180, 28.2380,
27.9020

 98.1200, 27.0460,
27.4780

 72.8210, 26.4500,
27.2660

 47.7500, 25.2120,
27.6760

 24.2660, 23.6990,

27.5630

■ 15.7070, 17.6030,
16.8910

■ 0.0000, 0.0000,
0.0000

■ 205.1530, 31.4470,
30.3190

■ 205.1530, 31.4470,
30.3190

■ 189.2240, 41.8530,
39.9730

■ 221.0820, 21.0410,
20.6650

■ 172.8220, 52.2130,
50.4610

■ 237.4840, 10.6810,
10.1770

■ 156.8930, 62.6190,
60.1150

■ 253.4130, 0.2750,
0.5230

■ 140.4910, 72.9790,
70.6030

■ 254.7010, -0.5960,
-0.2120

■ 124.5620, 83.3850,
80.2570

■ 108.7470, 93.4700,
90.2220

■ 92.8180, 103.8760,
99.8760

Harmonies

Analogous

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



204.1740, 0.5910, 27.8470



205.1530, 31.4470, 30.3190



199.8150, 43.7820, 21.5260

Triad

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



205.1530, 31.4470, 30.3190



196.5260, 26.9170, -19.7630



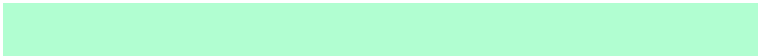
180.3220, -86.4680, -18.8520

Complementary

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



205.1530, 31.4470, 30.3190



225.8470, -31.4470, -30.3190

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.



181.2400, -71.9780, -28.1540



205.1530, 31.4470, 30.3190



192.7440, -3.2960, -28.3840

Square

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



205.1530, 31.4470, 30.3190



199.9790, 48.0510, -6.2930



187.1390, -38.1410, -30.1490



188.5300, -66.0220, -3.9260

Rectangle

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



205.1530, 31.4470, 30.3190



199.0680, 50.0190, 13.1150



187.1390, -38.1410, -30.1490



179.8720, -85.3210, -23.1210

Sweetspot

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



205.1530, 31.4470, 30.3190



240.3590, 9.5350, 8.9190



195.0470, -6.2410, 30.5190



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.



205.1530, 31.4470, 30.3190



196.6640, 37.4980, 36.2980



200.9350, 43.3240, 18.8120



119.6850, 5.5010, 4.9330



69.8770, 77.8840, 75.3240



23.3540, 26.2670, 25.0750

Inverse Universe

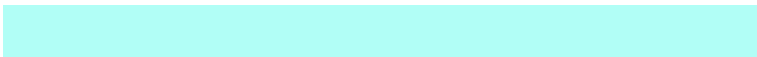
The Inverse Universe completely reimagines the original color for something new.



205.1530, 31.4470, 30.3190



196.6640, 37.4980, 36.2980



230.0650, -43.3240, -18.8120



119.6850, 5.5010, 4.9330



69.8770, 77.8840, 75.3240



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 205.1530, 31.4470, 30.3190 looks on a white background.

Color Contrast Check

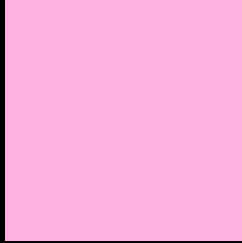
Large Text (above 18pt) WCAG AA × Fail

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 205.1530, 31.4470, 30.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

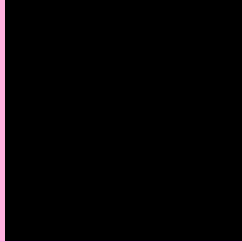
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.1530, 31.4470, 30.3190

Background



This preview shows how black text looks on a background with the YIQ color 205.1530, 31.4470, 30.3190.



This preview shows how white text looks on a background with the YIQ color 205.1530, 31.4470,

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

205.1530, 31.4470, 30.3190

Protanopia

201.4240, -15.4530, 10.2350

Deuteranopia

202.8190, 2.4280, 11.0680



Tritanopia

204.2270, 36.6300, 18.9820

Trichromacy



Original Color

205.1530, 31.4470, 30.3190



Protanomaly

202.7360, 1.4640, 17.5280



Deuteranomaly

203.3090, 12.9720, 18.2200



Tritanomaly

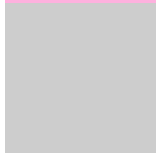
204.3780, 34.8870, 23.0390

Monochromacy



Original Color

205.1530, 31.4470, 30.3190



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

205.1960, 11.5520, 10.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.1530, 31.4470, 30.3190 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(254, 177, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 222)  
}
```

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(254, 177, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 222) }
```

Border

The CSS property to change the border of an element to YIQ 205.1530, 31.4470, 30.3190 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(254, 177, 222) }
```


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

```
.border{ border-color:rgb(254, 177, 222) }
```

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

Here you see how a box with a 4 pixel rgb(254, 177, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 205.1530, 31.4470, 30.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 222) }
```

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

```
.background{ background-color: rgb(254,  
177, 222) }
```

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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