

Converting Colors

YIQ(208.3310, 25.0740, 30.1780)

Have a look what the booklet for
YIQ(208.3310, 25.0740, 30.1780)
contains.

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Color

**YIQ(208.3310, 25.0740,
30.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB6E8
RGB	251, 182, 232
RGB Percent	98%, 71%, 91%
CMY	0.0155, 0.2864, 0.0901
CMYK	0.00, 0.28, 0.08, 0.02
HSL	317°, 90%, 85%
HSV	317°, 28%, 98%
XYZ	71.0913, 59.7896, 84.1491
YIQ	208.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

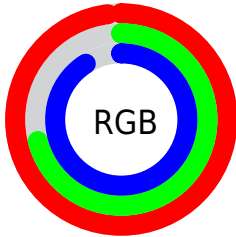
Format	Color
R _Y B	251, 182, 232
Decimal	16496360
CIE Lab	81.72, 32.64, -15.05
CIE LCh	82, 35.947, 335.251
Yxy	59.7896, 0.3306, 0.2781
Android (android.graphics.Color)	4294686440 (0xFFFBB6E8)
YUV	208.3310, 11.6688, 37.4207
Hunter-Lab	77.3238, 28.7960, -10.3969

Details

The YIQ color $208.3310, 25.0740, 30.1780$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $224.6690, -25.0740, -30.1780$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $153.2060, 23.9280, 28.9200$ is the 20% darker color. If you saturate the color by 10%, you get $192.8580, 34.1960, 41.0760$, and if you desaturate by 10%, it is $223.8040, 15.9520, 19.2800$.

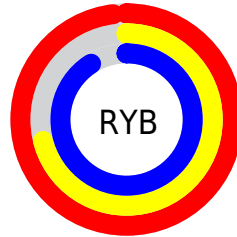
Distribution



Red (98%)

Green (71%)

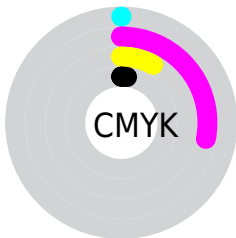
Blue (91%)



Red (98%)

Yellow (71%)

Blue (91%)

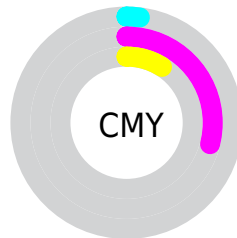


Cyan (0%)

Magenta (28%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.3310, 25.0740, 30.1780 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 208.3310, 25.0740, 30.1780 by changing the saturation by 10% instead.


 208.3310, 25.0740,
30.1780


 208.3310, 25.0740,
30.1780


255.0000, -0.0000,
-0.0000


 180.6190, 24.2030,
29.4430


 245.0210, 4.6750,
8.8910

 153.2060, 23.9280,
28.9200

 127.1950, 22.4610,
27.9730

 101.4830, 21.5900,
27.2380

 76.1840, 20.9940,
27.0260

 51.5860, 19.8020,
26.6020

 27.1130, 19.7560,

27.4360

■ 15.7930, 14.4850,
18.3330

■ 0.2280, -0.6420,
0.6220

■ 208.3310, 25.0740,
30.1780

■ 208.3310, 25.0740,
30.1780

■ 192.8580, 34.1960,
41.0760

■ 223.8040, 15.9520,
19.2800

■ 177.3850, 43.3180,
51.9740

■ 239.2770, 6.8300,
8.3820

■ 161.9120, 52.4400,
62.8720

■ 253.5760, -1.7420,
-1.4700

■ 146.4390, 61.5620,
73.7700

■ 253.8040, -2.3840,
-0.8480

■ 130.3790, 70.9590,
85.1910

■ 115.0200, 79.7600,
96.4000

■ 99.5470, 88.8820,
107.2980

■ 95.7970, 91.1740,
109.8140

Harmonies

Analogous

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



206.0590, -6.5150, 24.4690



208.3310, 25.0740, 30.1780



203.3030, 39.4720, 22.5440

Triad

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



208.3310, 25.0740, 30.1780



200.7440, 32.2350, -17.0210



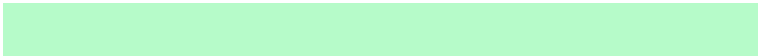
183.8230, -83.6250, -20.8170

Complementary

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



208.3310, 25.0740, 30.1780



224.6690, -25.0740, -30.1780

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.



186.0190, -64.0460, -28.7340



208.3310, 25.0740, 30.1780



196.8050, 3.9020, -26.6740

Square

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



208.3310, 25.0740, 30.1780



203.1690, 50.5720, -2.4200



191.7440, -29.6590, -29.6830



189.9700, -70.3770, -7.6010

Rectangle

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



208.3310, 25.0740, 30.1780



201.9690, 45.9840, 14.6560



191.7440, -29.6590, -29.6830



183.5690, -80.0940, -24.2380

Sweetspot

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



208.3310, 25.0740, 30.1780



242.5760, 7.4260, 8.5940



195.2480, -11.4210, 25.2750



119.9130, 4.8590, 5.5550



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.



208.3310, 25.0740, 30.1780



203.0700, 30.4830, 36.7790



204.4550, 35.9880, 19.6040



117.0270, 4.5380, 5.8660



72.1290, 68.6670, 82.6750



23.2550, 22.2320, 26.6160

Inverse Universe

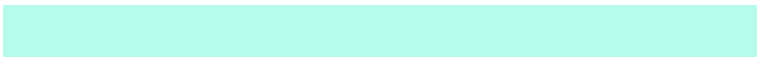
The Inverse Universe completely reimagines the original color for something new.



208.3310, 25.0740, 30.1780



203.0700, 30.4830, 36.7790



228.5450, -35.9880, -19.6040



117.0270, 4.5380, 5.8660



72.1290, 68.6670, 82.6750



23.2550, 22.2320, 26.6160

Previews

White Background



This preview shows how the YIQ color 208.3310, 25.0740, 30.1780 looks on a white background.

Color Contrast Check

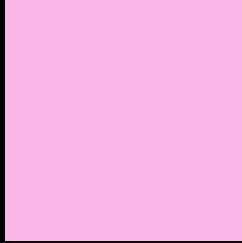
Large Text (above 18pt) WCAG AA × Fail

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 208.3310, 25.0740, 30.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

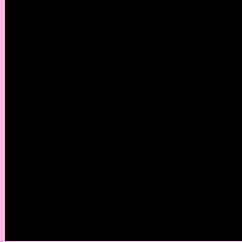
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.3310, 25.0740, 30.1780

Background



This preview shows how black text looks on a background with the YIQ color 208.3310, 25.0740, 30.1780.



This preview shows how white text looks on a background with the YIQ color 208.3310, 25.0740,

30.1780.

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

208.3310, 25.0740, 30.1780

Protanopia

204.5100, -18.5710, 11.6770

Deuteranopia

205.4210, -2.2030, 12.3970



Tritanopia

206.6500, 30.9450, 17.3850

Trichromacy



Original Color

208.3310, 25.0740, 30.1780



Protanomaly

206.1100, -2.5250, 18.2350



Deuteranomaly

206.4980, 8.0660, 19.0260



Tritanomaly

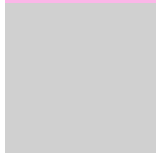
207.0290, 28.5600, 22.0640

Monochromacy



Original Color

208.3310, 25.0740, 30.1780



Achromatopsia

208.0000, -0.0000, -0.0000



Achromatomaly

208.5270, 9.1220, 10.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.3310, 25.0740, 30.1780 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(251, 182, 232)` looks like.

```
.text, #text, p{  
    color:rgb(251, 182, 232)  
}
```

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(251, 182, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 182, 232) }
```

Border

The CSS property to change the border of an element to YIQ 208.3310, 25.0740, 30.1780 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(251, 182, 232) }
```


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

```
.border{ border-color:rgb(251, 182, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 182, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 182, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 182, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 182,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 208.3310, 25.0740, 30.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 182, 232) }
```

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

```
.background{ background-color: rgb(251,  
182, 232) }
```

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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