

Converting Colors

YIQ(213.0490, 25.8080, 27.8880)

Have a look what the booklet for
YIQ(213.0490, 25.8080, 27.8880)
contains.

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Color

**YIQ(213.0490, 25.8080,
27.8880)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBCE8 |
| RGB | 255, 188, 232 |
| RGB Percent | 100%, 74%, 91% |
| CMY | 0.0000, 0.2628, 0.0901 |
| CMYK | 0.00, 0.26, 0.09, 0.00 |
| HSL | 321°, 100%, 87% |
| HSV | 321°, 26%, 100% |
| XYZ | 73.7852, 63.0416, 84.6363 |
| YIQ | 213.0490, 25.8080, 27.8880 |

Conversions

Conversions Part 2

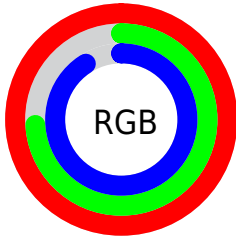
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 188, 232 |
| Decimal | 16760040 |
| CIE Lab | 83.46, 30.80, -12.40 |
| CIE LCh | 83, 33.207, 338.071 |
| Yxy | 63.0416, 0.3332, 0.2847 |
| Android (android.graphics.Color) | 4294950120 (0xFFFFBCE8) |
| YUV | 213.0490, 9.3428, 36.7910 |
| Hunter-Lab | 79.3988, 26.9320, -7.6219 |

Details

The YIQ color $213.0490, 25.8080, 27.8880$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $229.9510, -25.8080, -27.8880$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.7500, 5.2300$, and $157.9240, 24.6620, 26.6300$ is the 20% darker color. If you saturate the color by 10%, you get $196.7610, 35.8470, 38.6870$, and if you desaturate by 10%, it is $228.7500, 16.0440, 17.6120$.

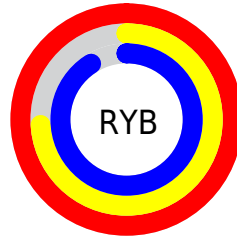
Distribution



Red (100%)

Green (74%)

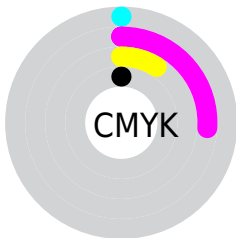
Blue (91%)



Red (100%)

Yellow (74%)

Blue (91%)

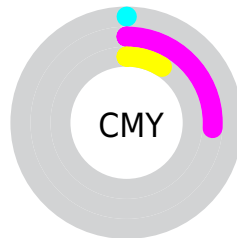


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.0490, 25.8080, 27.8880 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 213.0490, 25.8080, 27.8880 by changing the saturation by 10% instead.


 213.0490, 25.8080,
27.8880


 213.0490, 25.8080,
27.8880


255.0000, -0.0000,
-0.0000


 185.3370, 24.9370,
27.1530


 249.1300, 2.7500,
5.2300

 157.9240, 24.6620,
26.6300

 131.3260, 23.4700,
26.2060

 105.6140, 22.5990,
25.4710

 80.6030, 21.1320,
24.5240

 56.3040, 20.5360,
24.3120

 32.1190, 19.6190,

24.4110

■ 16.6900, 16.2730,
18.9690

■ 2.1360, 2.6130,
2.2050

■ 213.0490, 25.8080,
27.8880

■ 213.0490, 25.8080,
27.8880

■ 196.7610, 35.8470,
38.6870

■ 228.7500, 16.0440,
17.6120

■ 181.1740, 45.2900,
49.2740

■ 245.0380, 6.0050,
6.8130

■ 164.8860, 55.3290,
60.0730

255.0000, -0.0000,
-0.0000

■ 149.1850, 65.0930,
70.3490

■ 132.8970, 75.1320,
81.1480

■ 117.3100, 84.5750,
91.7350

■ 101.0220, 94.6140,
102.5340

■ 95.3970, 98.0520,
106.3080

Harmonies

Analogous

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



211.3860, -3.1220, 23.5500



213.0490, 25.8080, 27.8880



207.7540, 36.5840, 19.8160

Triad

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



213.0490, 25.8080, 27.8880



205.7050, 27.9710, -16.8370



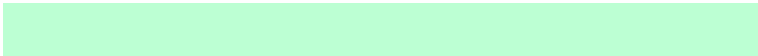
192.6070, -74.0890, -17.4250

Complementary

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



213.0490, 25.8080, 27.8880



229.9510, -25.8080, -27.8880

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.



192.5790, -59.6910, -25.0590



213.0490, 25.8080, 27.8880



201.8910, 0.7840, -25.2320

Square

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



213.0490, 25.8080, 27.8880



208.1900, 46.0790, -3.5930



197.0260, -30.3930, -27.3930



197.7000, -60.7490, -5.8770

Rectangle

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



213.0490, 25.8080, 27.8880



206.5340, 42.7750, 12.2390



197.0260, -30.3930, -27.3930



191.8690, -72.0710, -20.9590

Sweetspot

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



213.0490, 25.8080, 27.8880



242.4620, 7.7470, 8.2830



202.2160, -8.3950, 25.5010



119.7990, 5.1800, 5.2440



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.



213.0490, 25.8080, 27.8880



203.6740, 31.5380, 34.1780



209.2870, 36.4010, 17.6250



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Inverse Universe

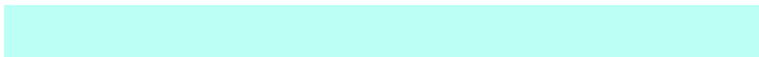
The Inverse Universe completely reimagines the original color for something new.



213.0490, 25.8080, 27.8880



203.6740, 31.5380, 34.1780



233.7130, -36.4010, -17.6250



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 213.0490, 25.8080, 27.8880 looks on a white background.

Color Contrast Check

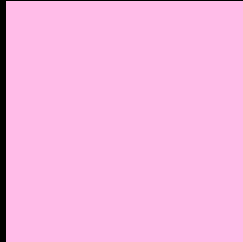
Large Text (above 18pt) WCAG AA × Fail

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 213.0490, 25.8080, 27.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

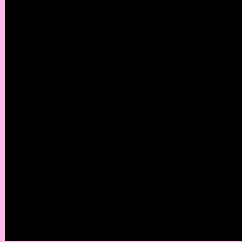
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.0490, 25.8080, 27.8880

Background



This preview shows how black text looks on a background with the YIQ color 213.0490, 25.8080, 27.8880.



This preview shows how white text looks on a background with the YIQ color 213.0490, 25.8080,

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

213.0490, 25.8080, 27.8880

Protanopia

209.4240, -15.4530, 10.2350

Deuteranopia

210.7480, 1.1900, 11.4780



Tritanopia

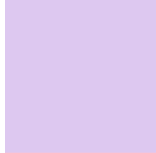
211.6500, 30.9450, 17.3850

Trichromacy



Original Color

213.0490, 25.8080, 27.8880



Protanomaly

210.8390, -0.3240, 16.8920



Deuteranomaly

211.8140, 9.9920, 17.1600



Tritanomaly

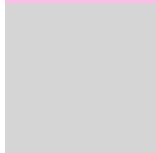
212.3880, 28.9270, 20.9190

Monochromacy



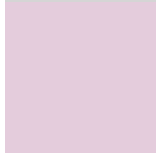
Original Color

213.0490, 25.8080, 27.8880



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

213.0000, 9.1680, 10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0490, 25.8080, 27.8880 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, 188, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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(255, 188, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 232) }
```

Border

The CSS property to change the border of an element to YIQ 213.0490, 25.8080, 27.8880 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, 188, 232) }
```


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

```
.border{ border-color:rgb(255, 188, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0490, 25.8080, 27.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 232) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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