

Converting Colors

YIQ(208.2980, 20.6730, 27.3370)

Have a look what the booklet for
YIQ(208.2980, 20.6730, 27.3370)
contains.

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Color

**YIQ(208.2980, 20.6730,
27.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B9E8
RGB	245, 185, 232
RGB Percent	96%, 73%, 91%
CMY	0.0390, 0.2746, 0.0901
CMYK	0.00, 0.25, 0.05, 0.04
HSL	313°, 75%, 84%
HSV	313°, 25%, 96%
XYZ	69.5823, 59.9346, 84.2538
YIQ	208.2980, 20.6730, 27.3370

Conversions

Conversions Part 2

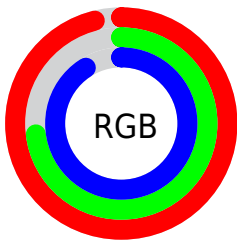
Format	Color
R _Y B	245, 185, 232
Decimal	16103912
CIE Lab	81.80, 29.07, -14.99
CIE LCh	82, 32.707, 332.724
Yxy	59.9346, 0.3255, 0.2804
Android (android.graphics.Color)	4294293992 (0xFFFF5B9E8)
YUV	208.2980, 11.6851, 32.1877
Hunter-Lab	77.4175, 24.9541, -10.3333

Details

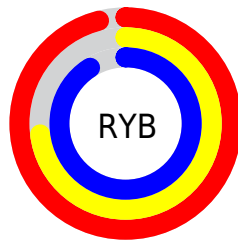
The YIQ color $208.2980, 20.6730, 27.3370$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $221.7020, -20.6730, -27.3370$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.7820, 3.8500, 7.3220$, and $153.1730, 19.5270, 26.0790$ is the 20% darker color. If you saturate the color by 10%, you get $193.0530, 29.1530, 38.8570$, and if you desaturate by 10%, it is $222.9560, 12.4680, 16.3400$.

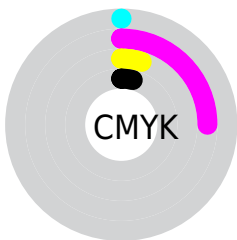
Distribution



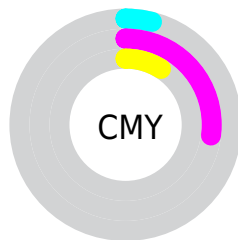
- Red (96%)
- Green (73%)
- Blue (91%)



- Red (96%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.2980, 20.6730, 27.3370 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 208.2980, 20.6730, 27.3370 by changing the saturation by 10% instead.

208.2980, 20.6730,
27.3370

208.2980, 20.6730,
27.3370

255.0000, -0.0000,
-0.0000

180.5860, 19.8020,
26.6020

246.7820, 3.8500,
7.3220

153.1730, 19.5270,
26.0790

127.4610, 18.6560,
25.3440

101.7490, 17.7850,
24.6090

77.0370, 16.9140,
23.8740

53.3250, 16.0430,
23.1390

29.4390, 15.7220,

23.4500

■ 14.8960, 12.6970,
17.6970

■ 0.2280, -0.6420,
0.6220

■ 208.2980, 20.6730,
27.3370

■ 208.2980, 20.6730,
27.3370

■ 193.0530, 29.1530,
38.8570

■ 222.9560, 12.4680,
16.3400

■ 178.2810, 37.6790,
49.5430

■ 238.3150, 3.6670,
5.1310

■ 163.0360, 46.1590,
61.0630

■ 251.2120, -3.7130,
-4.2970

■ 148.3780, 54.3640,
72.0600

■ 251.7820, -5.3180,
-2.7420

■ 133.0190, 63.1650,
83.2690

■ 252.0100, -5.9600,
-2.1200

■ 118.3610, 71.3700,
94.2660

■ 103.1160, 79.8500,
105.7860

■ 95.1430, 84.3880,
111.6520

Harmonies

Analogous

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



206.0370, -9.4490, 22.5750



208.2980, 20.6730, 27.3370



205.5200, 37.3630, 22.2190

Triad

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



208.2980, 20.6730, 27.3370



201.1400, 31.1800, -14.4200



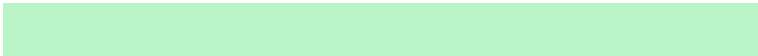
187.3360, -71.8880, -18.7680

Complementary

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



208.2980, 20.6730, 27.3370



221.7020, -20.6730, -27.3370

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.



188.9880, -53.5930, -25.4410



208.2980, 20.6730, 27.3370



197.5820, 6.1480, -23.3240

Square

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



208.2980, 20.6730, 27.3370



204.2550, 47.4540, -0.9780



193.8480, -24.0200, -27.2520



192.3620, -65.6090, -5.9050

Rectangle

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



208.2980, 20.6730, 27.3370



203.7130, 43.8290, 15.1650



193.8480, -24.0200, -27.2520



187.4950, -68.0820, -21.6660

Sweetspot

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



208.2980, 20.6730, 27.3370



243.9780, 6.2340, 8.1700



195.7270, -11.5120, 21.4160



121.2010, 3.9880, 4.8200



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.



208.2980, 20.6730, 27.3370



209.7380, 25.4860, 33.7260



204.8780, 30.3030, 18.0070



114.7280, 3.9420, 5.6540



72.2580, 63.9900, 84.8380



22.8850, 20.3980, 26.8140

Inverse Universe

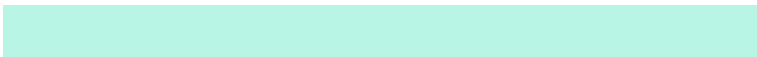
The Inverse Universe completely reimagines the original color for something new.



208.2980, 20.6730, 27.3370



209.7380, 25.4860, 33.7260



225.1220, -30.3030, -18.0070



114.7280, 3.9420, 5.6540



72.2580, 63.9900, 84.8380



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 208.2980, 20.6730, 27.3370 looks on a white background.

Color Contrast Check

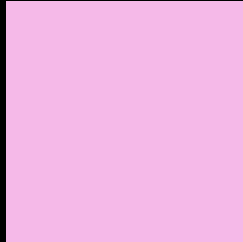
Large Text (above 18pt) WCAG AA × Fail

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 208.2980, 20.6730, 27.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

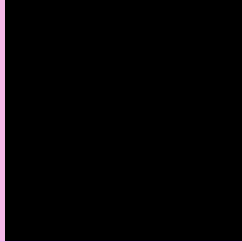
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.2980, 20.6730, 27.3370

Background



This preview shows how black text looks on a background with the YIQ color 208.2980, 20.6730, 27.3370.



This preview shows how white text looks on a background with the YIQ color 208.2980, 20.6730,

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

208.2980, 20.6730, 27.3370

Protanopia

204.5810, -17.3330, 11.2670

Deuteranopia

205.4210, -2.2030, 12.3970



Tritanopia

206.9590, 25.5810, 15.4770

Trichromacy



Original Color

208.2980, 20.6730, 27.3370

Protanomaly

205.9850, -3.6710, 16.9770

Deuteranomaly

206.1880, 6.0030, 17.8670

Tritanomaly

207.2240, 23.5170, 19.8450

Monochromacy



Original Color

208.2980, 20.6730, 27.3370

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.2170, 7.0590, 9.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.2980, 20.6730, 27.3370 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(245, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(245, 185, 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(245, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 185, 232) }
```

Border

The CSS property to change the border of an element to YIQ 208.2980, 20.6730, 27.3370 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(245, 185, 232) }
```


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

```
.border{ border-color:rgb(245, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 185,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 208.2980, 20.6730, 27.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 185, 232) }
```

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

```
.background{ background-color: rgb(245,  
185, 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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