

Converting Colors

YIQ(208.3900, 17.4180, 25.7540)

Have a look what the booklet for
YIQ(208.3900, 17.4180, 25.7540)
contains.

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Color

**YIQ(208.3900, 17.4180,
25.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BBE9
RGB	241, 187, 233
RGB Percent	95%, 73%, 91%
CMY	0.0547, 0.2667, 0.0862
CMYK	0.00, 0.22, 0.03, 0.05
HSL	309°, 66%, 84%
HSV	309°, 22%, 95%
XYZ	68.7640, 60.1226, 85.0778
YIQ	208.3900, 17.4180, 25.7540

Conversions

Conversions Part 2

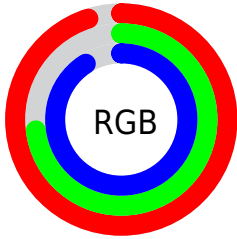
Format	Color
R_{YB}	241, 187, 233
Decimal	15842281
CIE _{Lab}	81.90, 26.86, -15.41
CIE _{LCh}	82, 30.964, 330.154
Yxy	60.1226, 0.3214, 0.2810
Android (android.graphics.Color)	4294032361 (0xFFFF1BBE9)
YUV	208.3900, 12.1327, 28.5990
Hunter-Lab	77.5387, 22.6072, -10.7776

Details

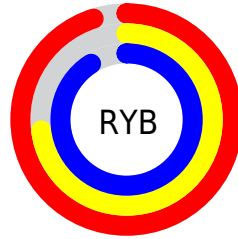
The YIQ color $208.3900, 17.4180, 25.7540$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $219.6100, -17.4180, -25.7540$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.9560, 3.3000, 6.2760$, and $153.2650, 16.2720, 24.4960$ is the 20% darker color. If you saturate the color by 10%, you get $193.8460, 25.3020, 37.0620$, and if you desaturate by 10%, it is $222.9340, 9.5340, 14.4460$.

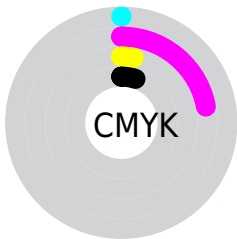
Distribution



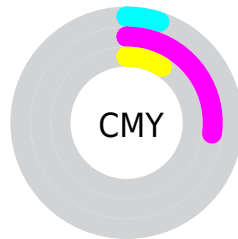
- Red (95%)
- Green (73%)
- Blue (91%)



- Red (95%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (5%)




- Cyan (5%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.3900, 17.4180, 25.7540 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 208.3900, 17.4180, 25.7540 by changing the saturation by 10% instead.


 208.3900, 17.4180,
25.7540


 208.3900, 17.4180,
25.7540


255.0000, -0.0000,
-0.0000


 180.6780, 16.5470,
25.0190


 247.9560, 3.3000,
6.2760

 153.2650, 16.2720,
24.4960

 127.5530, 15.4010,
23.7610

 102.1400, 15.1260,
23.2380

 77.4280, 14.2550,
22.5030

 53.7160, 13.3840,
21.7680

 30.4170, 12.7880,

21.5560

■ 14.4120, 11.1840,
17.5840

■ 0.4560, -1.2840,
1.2440

■ 208.3900, 17.4180,
25.7540

■ 208.3900, 17.4180,
25.7540

■ 193.8460, 25.3020,
37.0620

■ 222.9340, 9.5340,
14.4460

■ 179.4160, 32.8650,
48.6810

■ 237.3640, 1.9710,
2.8270

■ 164.8720, 40.7490,
59.9890

■ 249.5600, -4.8130,
-6.3890

■ 150.4420, 48.3120,
71.6080

■ 249.9020, -5.7760,
-5.4560

■ 135.3110, 56.4710,
83.4390

■ 250.3580, -7.0600,
-4.2120

■ 120.8810, 64.0340,
95.0580

■ 250.7000, -8.0230,
-3.2790

■ 106.3370, 71.9180,
106.3660

■ 250.8140, -8.3440,
-2.9680

■ 95.4290, 77.8310,
114.8470

Harmonies

Analogous

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



206.2000, -11.4660, 20.5820



208.3900, 17.4180, 25.7540



206.4490, 36.1250, 22.6290

Triad

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



208.3900, 17.4180, 25.7540



202.1940, 31.0880, -12.7520



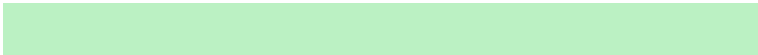
189.3860, -66.1570, -18.0050

Complementary

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



208.3900, 17.4180, 25.7540



219.6100, -17.4180, -25.7540

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.



191.1520, -48.1830, -24.3670



208.3900, 17.4180, 25.7540



199.0060, 7.8900, -21.8540

Square

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



208.3900, 17.4180, 25.7540



204.7110, 46.1700, 0.2660



195.0550, -20.1690, -25.4570



193.3300, -62.5830, -5.6790

Rectangle

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



208.3900, 17.4180, 25.7540



204.7560, 42.2700, 15.8860



195.0550, -20.1690, -25.4570



189.5450, -62.3510, -20.9030

Sweetspot

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



208.3900, 17.4180, 25.7540



244.0920, 5.9130, 8.4810



195.2490, -13.1620, 18.2780



121.3150, 3.6670, 5.1310



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.



208.3900, 17.4180, 25.7540



213.3570, 22.1850, 32.9770



205.4260, 25.7640, 17.6680



112.7280, 3.9420, 5.6540



72.8000, 59.5880, 87.5240



22.2160, 17.9680, 26.8000

Inverse Universe

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



208.3900, 17.4180, 25.7540



213.3570, 22.1850, 32.9770



222.5740, -25.7640, -17.6680



112.7280, 3.9420, 5.6540



72.8000, 59.5880, 87.5240



22.2160, 17.9680, 26.8000

Previews

White Background



This preview shows how the YIQ color 208.3900, 17.4180, 25.7540 looks on a white background.

Color Contrast Check

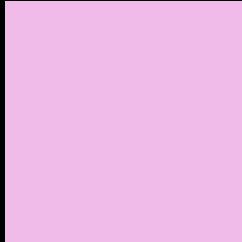
Large Text (above 18pt) WCAG AA × Fail

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 208.3900, 17.4180, 25.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

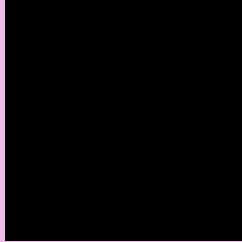
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.3900, 17.4180, 25.7540

Background



This preview shows how black text looks on a background with the YIQ color 208.3900, 17.4180, 25.7540.



This preview shows how white text looks on a background with the YIQ color 208.3900, 17.4180,

25.7540.

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

208.3900, 17.4180, 25.7540

Protanopia

204.5810, -17.3330, 11.2670

Deuteranopia

206.2360, -3.1200, 12.4960



Tritanopia

207.1650, 22.0050, 14.2050

Trichromacy



Original Color

208.3900, 17.4180, 25.7540

Protanomaly

206.2730, -4.5420, 16.2420

Deuteranomaly

207.2910, 4.2150, 17.2310

Tritanomaly

207.3160, 20.2620, 18.2620

Monochromacy



Original Color

208.3900, 17.4180, 25.7540

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.3900, 17.4180, 25.7540 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(241, 187, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 187, 233)  
}
```

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(241, 187, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 187, 233) }
```

Border

The CSS property to change the border of an element to YIQ 208.3900, 17.4180, 25.7540 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(241, 187, 233) }
```


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

```
.border{ border-color:rgb(241, 187, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 187, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 187, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 187, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 187,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 208.3900, 17.4180, 25.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 187, 233) }
```

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

```
.background{ background-color: rgb(241,  
187, 233) }
```

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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