

Converting Colors

YIQ(198.6560, 30.8080, 14.3600)

Have a look what the booklet for
YIQ(198.6560, 30.8080, 14.3600)
contains.

YIQ(198.6560, 30.8080, 14.3600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(198.6560, 30.8080,
14.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB5BD
RGB	237, 181, 189
RGB Percent	93%, 71%, 74%
CMY	0.0704, 0.2903, 0.2587
CMYK	0.00, 0.24, 0.20, 0.07
HSL	351°, 61%, 82%
HSV	351°, 24%, 93%
XYZ	60.6444, 54.7242, 55.5275
YIQ	198.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

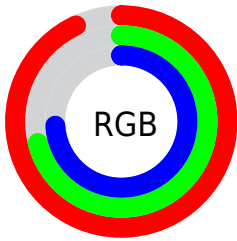
Format	Color
R _Y B	237, 181, 189
Decimal	15578557
CIE Lab	78.88, 21.47, 3.80
CIE LCh	79, 21.807, 10.038
Yxy	54.7242, 0.3549, 0.3202
Android (android.graphics.Color)	4293768637 (0xFFEDB5BD)
YUV	198.6560, -4.7604, 33.6277
Hunter-Lab	73.9758, 16.8744, 7.2790

Details

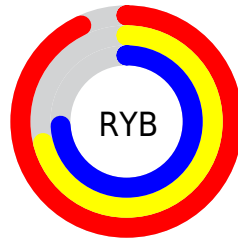
The YIQ color $198.6560, 30.8080, 14.3600$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $219.3440, -30.8080, -14.3600$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2940, 8.1600, 6.3040$, and $144.4600, 28.4240, 13.5120$ is the 20% darker color. If you saturate the color by 10%, you get $182.2880, 43.8280, 20.6920$, and if you desaturate by 10%, it is $215.0240, 17.7880, 8.0280$.

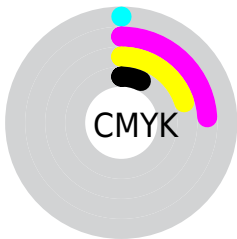
Distribution



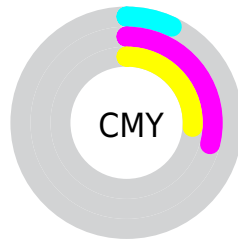
- Red (93%)
- Green (71%)
- Blue (74%)



- Red (93%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.6560, 30.8080, 14.3600 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 198.6560, 30.8080, 14.3600 by changing the saturation by 10% instead.


 198.6560, 30.8080,
14.3600


 198.6560, 30.8080,
14.3600


255.0000, -0.0000,
-0.0000


 171.0580, 29.6160,
13.9360


 243.2940, 8.1600,
6.3040

 144.4600, 28.4240,
13.5120

 118.1610, 27.8280,
13.3000

 93.2640, 26.0400,
12.6640

 69.3670, 24.2520,
12.0280

 45.8830, 22.7390,
11.9150

 23.5130, 20.9050,

12.1130

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,
0.0000

■ 198.6560, 30.8080,
14.3600

■ 198.6560, 30.8080,
14.3600

■ 182.2880, 43.8280,
20.6920

■ 215.0240, 17.7880,
8.0280

■ 166.3930, 56.8940,
26.1900

■ 230.9190, 4.7220,
2.5300

■ 150.0250, 69.9140,
32.5220

■ 247.2870, -8.2980,
-3.8020

■ 133.6570, 82.9340,
38.8540

■ 249.6180,
-10.7280, -3.8160

■ 117.2890, 95.9540,
45.1860

■ 101.3940,
109.0200, 50.6840

■ 85.0260, 122.0400,
57.0160

■ 74.7390, 130.3380,
60.8180

Harmonies

Analogous

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



199.2340, 17.5570, 17.7250



198.6560, 30.8080, 14.3600



197.6530, 34.8900, 6.4580

Triad

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



198.6560, 30.8080, 14.3600



191.3890, -0.3180, -16.2700



191.1930, -37.0920, 0.4120

Complementary

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



198.6560, 30.8080, 14.3600



219.3440, -30.8080, -14.3600

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.



187.6880, -43.2800, -8.5920



198.6560, 30.8080, 14.3600



189.0970, -19.9870, -17.7390

Square

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



198.6560, 30.8080, 14.3600



193.7180, 17.9290, -11.0550



187.2940, -36.5390, -15.1230



195.3740, -21.1840, 9.4720

Rectangle

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



198.6560, 30.8080, 14.3600



196.2950, 32.7820, 0.6060



187.2940, -36.5390, -15.1230



189.9320, -40.8510, -3.0510

Sweetspot

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



198.6560, 30.8080, 14.3600



242.7240, 9.7650, 4.7490



201.7360, 10.6320, 27.5920



120.5170, 5.9140, 2.9540



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.



198.6560, 30.8080, 14.3600



206.3690, 39.1060, 18.1620



209.4840, 27.8760, 1.4120



109.4030, 6.2350, 2.6430



57.0830, 99.5300, 46.4580



17.0580, 29.6160, 13.9360

Inverse Universe

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



198.6560, 30.8080, 14.3600



206.3690, 39.1060, 18.1620



208.5160, -27.8760, -1.4120



109.4030, 6.2350, 2.6430



57.0830, 99.5300, 46.4580



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 198.6560, 30.8080, 14.3600 looks on a white background.

Color Contrast Check

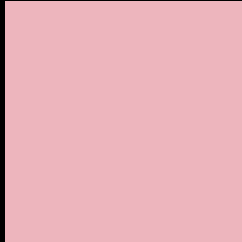
Large Text (above 18pt) WCAG AA × Fail

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 198.6560, 30.8080, 14.3600 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 198.6560, 30.8080, 14.3600

Background



This preview shows how black text looks on a background with the YIQ color 198.6560, 30.8080, 14.3600.



This preview shows how white text looks on a background with the YIQ color 198.6560, 30.8080,

14.3600.

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

198.6560, 30.8080, 14.3600

Protanopia

196.4240, 1.7420, 1.4700

Deuteranopia

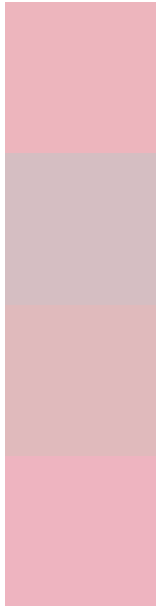
197.2580, 17.0090, 5.6250



Tritanopia

198.9380, 30.0740, 16.6500

Trichromacy



Original Color

198.6560, 30.8080, 14.3600

Protanomaly

197.3330, 12.4240, 6.1200

Deuteranomaly

197.5900, 22.0060, 8.6780

Tritanomaly

198.7100, 30.7160, 16.0280

Monochromacy



Original Color

198.6560, 30.8080, 14.3600

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.6210, 11.5530, 5.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6560, 30.8080, 14.3600 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(237, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 189)  
}
```

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(237, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 189) }
```

Border

The CSS property to change the border of an element to YIQ 198.6560, 30.8080, 14.3600 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(237, 181, 189) }
```


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

```
.border{ border-color:rgb(237, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(237, 181,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6560, 30.8080, 14.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 181, 189) }
```

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

```
.background{ background-color: rgb(237,  
181, 189) }
```

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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