

Converting Colors

YIQ(198.9560, 29.6630, 7.5750)

Have a look what the booklet for
YIQ(198.9560, 29.6630, 7.5750)
contains.

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Color

**YIQ(198.9560, 29.6630,
7.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BAB3
RGB	232, 186, 179
RGB Percent	91%, 73%, 70%
CMY	0.0901, 0.2706, 0.2979
CMYK	0.00, 0.20, 0.23, 0.09
HSL	8°, 54%, 81%
HSV	8°, 23%, 91%
XYZ	58.9821, 55.5259, 50.2734
YIQ	198.9560, 29.6630, 7.5750

Conversions

Conversions Part 2

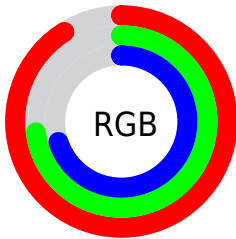
Format	Color
R _Y B	232, 187, 179
Decimal	15252147
CIE Lab	79.34, 15.52, 9.80
CIE LCh	79, 18.354, 32.286
Yxy	55.5259, 0.3579, 0.3370
Android (android.graphics.Color)	4293442227 (0xFFE8BAB3)
YUV	198.9560, -9.8383, 28.9796
Hunter-Lab	74.5157, 10.8873, 12.1599

Details

The YIQ color **198.9560, 29.6630, 7.5750** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **212.0440, -29.6630, -7.5750**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0890, 9.9950, 0.5790**, and **145.0590, 27.8750, 6.9390** is the 20% darker color. If you saturate the color by 10%, you get **184.5940, 42.5460, 10.8820**, and if you desaturate by 10%, it is **213.3180, 16.7800, 4.2680**.

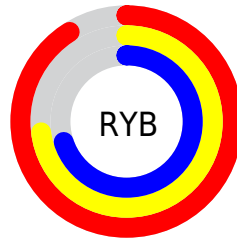
Distribution



Red (91%)

Green (73%)

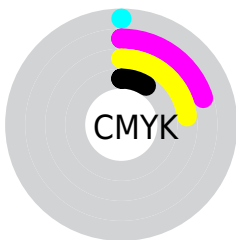
Blue (70%)



Red (91%)

Yellow (73%)

Blue (70%)

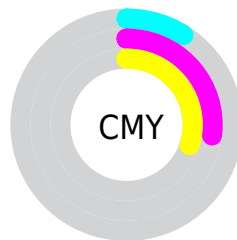


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.9560, 29.6630, 7.5750 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 198.9560, 29.6630, 7.5750 by changing the saturation by 10% instead.


 198.9560, 29.6630,
7.5750


 198.9560, 29.6630,
7.5750


255.0000, -0.0000,
-0.0000


 171.3580, 28.4710,
7.1510


 245.0890, 9.9950,
0.5790

 145.0590, 27.8750,
6.9390

 118.5750, 26.3620,
6.8260

 93.9770, 25.1700,
6.4020

 70.1940, 23.0610,
6.0770

 47.5960, 21.8690,
5.6530

 25.5850, 20.4020,

4.7060

■ 7.8880, 15.1750,
5.8230

■ 0.0000, 0.0000,
0.0000

■ 198.9560, 29.6630,
7.5750

■ 198.9560, 29.6630,
7.5750

■ 184.5940, 42.5460,
10.8820

■ 213.3180, 16.7800,
4.2680

■ 170.2320, 55.4290,
14.1890

■ 227.6800, 3.8970,
0.9610

■ 155.7560, 68.6330,
17.1850

■ 242.1560, -9.3070,
-2.0350

■ 140.8070, 81.7910,
21.0150

■ 248.1230,
-13.7080, -4.8760

■ 126.4450, 94.6740,
24.3220

■ 112.0830,
107.5570, 27.6290

■ 97.7210, 120.4400,
30.9360

■ 86.9780, 130.0220,
33.4940

Harmonies

Analogous

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



200.0080, 23.8850, 13.1730



198.9560, 29.6630, 7.5750



197.5440, 27.6470, 0.0550

Triad

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



198.9560, 29.6630, 7.5750



191.9840, -12.2390, -14.9830



195.9670, -21.5960, 5.9240

Complementary

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



198.9560, 29.6630, 7.5750



212.0440, -29.6630, -7.5750

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.



192.7650, -33.0110, -1.9630



198.9560, 29.6630, 7.5750



190.6110, -27.1860, -13.9220

Square

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



198.9560, 29.6630, 7.5750



193.8350, 4.3580, -12.9060



190.4670, -35.3480, -9.1720



198.4530, -5.2290, 12.1710

Rectangle

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



198.9560, 29.6630, 7.5750



196.4460, 21.8710, -5.4010



190.4670, -35.3480, -9.1720



194.4610, -26.0430, 3.9170

Sweetspot

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



198.9560, 29.6630, 7.5750



243.5560, 10.1780, 2.7700



200.2050, 16.5010, 25.8530



121.4630, 6.0060, 1.2860



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.



198.9560, 29.6630, 7.5750



211.9140, 38.6490, 9.9210



214.2180, 22.5130, -6.0230



107.7620, 6.6020, 1.4980



67.0220, 100.3590, 25.9190



19.3580, 28.4710, 7.1510

Inverse Universe

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



212.0440, -29.6630, -7.5750



229.0860, -38.6490, -9.9210



196.7820, -22.5130, 6.0230



110.2380, -6.6020, -1.4980



111.3910, -100.0840, -25.3960



31.6420, -28.4710, -7.1510

Previews

White Background



This preview shows how the YIQ color 198.9560, 29.6630, 7.5750 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 198.9560, 29.6630, 7.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

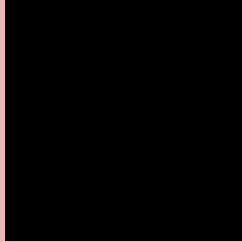
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.9560, 29.6630, 7.5750

Background



This preview shows how black text looks on a background with the YIQ color 198.9560, 29.6630, 7.5750.



This preview shows how white text looks on a background with the YIQ color 198.9560, 29.6630,

7.5750.

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

198.9560, 29.6630, 7.5750

Protanopia

196.7250, 8.0240, -2.2480

Deuteranopia

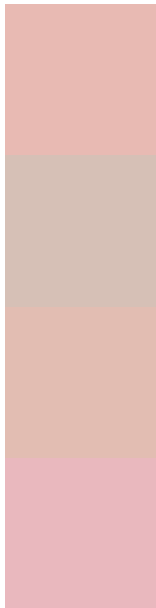
198.4990, 23.5200, 3.2640



Tritanopia

199.8450, 25.9020, 15.1660

Trichromacy



Original Color

198.9560, 29.6630, 7.5750

Protanomaly

197.4380, 16.3220, 1.5540

Deuteranomaly

198.8090, 25.5830, 4.4230

Tritanomaly

199.3350, 27.2780, 12.2540

Monochromacy



Original Color

198.9560, 29.6630, 7.5750

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8550, 10.7740, 2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9560, 29.6630, 7.5750 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(232, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 179)  
}
```

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(232, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 179) }
```

Border

The CSS property to change the border of an element to YIQ 198.9560, 29.6630, 7.5750 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(232, 186, 179) }
```


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

```
.border{ border-color:rgb(232, 186, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9560, 29.6630, 7.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 186, 179) }
```

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

```
.background{ background-color: rgb(232,  
186, 179) }
```

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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