

Converting Colors

YIQ(198.3040, 28.5630, 5.4830)

Have a look what the booklet for
YIQ(198.3040, 28.5630, 5.4830)
contains.

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Color

**YIQ(198.3040, 28.5630,
5.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BBB0
RGB	229, 187, 176
RGB Percent	90%, 73%, 69%
CMY	0.1019, 0.2667, 0.3097
CMYK	0.00, 0.18, 0.23, 0.10
HSL	12°, 50%, 79%
HSV	12°, 23%, 90%
XYZ	57.9268, 55.3309, 48.7173
YIQ	198.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

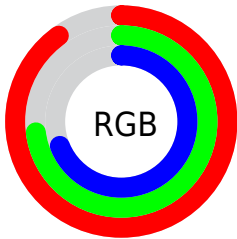
Format	Color
R _Y B	229, 190, 176
Decimal	15055792
CIE Lab	79.23, 13.44, 11.22
CIE LCh	79, 17.509, 39.865
Yxy	55.3309, 0.3576, 0.3416
Android (android.graphics.Color)	4293245872 (0xFFE5BBB0)
YUV	198.3040, -10.9959, 26.9204
Hunter-Lab	74.3847, 8.8328, 13.2381

Details

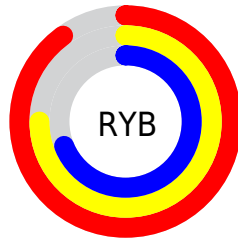
The YIQ color **198.3040, 28.5630, 5.4830** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206.6960, -28.5630, -5.4830**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3340, 10.6830, -0.8770**, and **144.5210, 26.4540, 5.1580** is the 20% darker color. If you saturate the color by 10%, you get **185.1160, 40.8960, 7.7440**, and if you desaturate by 10%, it is **211.4920, 16.2300, 3.2220**.

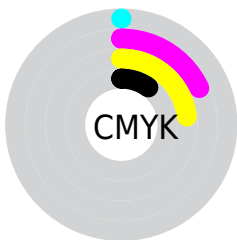
Distribution



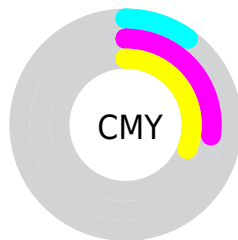
- Red (90%)
- Green (73%)
- Blue (69%)



- Red (90%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.3040, 28.5630, 5.4830 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 198.3040, 28.5630, 5.4830 by changing the saturation by 10% instead.


 198.3040, 28.5630,
5.4830


 198.3040, 28.5630,
5.4830


255.0000, -0.0000,
-0.0000


 171.0050, 27.9670,
5.2710


 245.3340, 10.6830,
-0.8770

 144.5210, 26.4540,
5.1580

 118.3360, 25.5370,
5.2570

 93.4390, 23.7490,
4.6210

 69.8410, 22.5570,
4.1970

 47.0580, 20.4480,
3.8720

 25.1180, 20.2190,

2.5150

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 198.3040, 28.5630,
5.4830

■ 198.3040, 28.5630,
5.4830

■ 185.1160, 40.8960,
7.7440

■ 211.4920, 16.2300,
3.2220

■ 171.9280, 53.2290,
10.0050

■ 224.6800, 3.8970,
0.9610

■ 158.1530, 65.8370,
12.7890

■ 237.8680, -8.4360,
-1.3000

■ 144.9650, 78.1700,
15.0500

■ 247.2260,
-15.4960, -5.5120

■ 131.8910, 90.1820,
17.6220

■ 118.7030,
102.5150, 19.8830

■ 105.5150,
114.8480, 22.1440

■ 96.0600, 123.5590,
23.9670

Harmonies

Analogous

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



199.1390, 24.8940, 11.4060



198.3040, 28.5630, 5.4830



196.5220, 24.7130, -1.8390

Triad

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



198.3040, 28.5630, 5.4830



191.3580, -16.2280, -14.2760



196.3590, -16.8280, 7.6200

Complementary

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



198.3040, 28.5630, 5.4830



206.6960, -28.5630, -5.4830

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.



193.3850, -28.8850, 0.3550



198.3040, 28.5630, 5.4830



190.4800, -28.1950, -12.1550

Square

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



198.3040, 28.5630, 5.4830



193.3830, -0.1810, -13.2450



191.0050, -33.9270, -7.3910



198.3180, -0.4150, 13.0330

Rectangle

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



198.3040, 28.5630, 5.4830



195.6520, 18.2950, -6.6730



191.0050, -33.9270, -7.3910



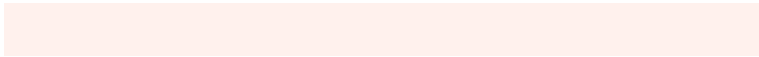
195.4400, -21.5500, 5.0900

Sweetspot

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



198.3040, 28.5630, 5.4830



244.7300, 9.6280, 1.7240



196.6350, 18.1060, 24.2980



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.



198.3040, 28.5630, 5.4830



213.4470, 38.4660, 7.7300



213.5660, 21.4130, -8.1150



108.3490, 6.3270, 0.9750



75.2400, 96.5090, 18.5970



21.7060, 27.3710, 5.0590

Inverse Universe

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



206.6960, -28.5630, -5.4830



224.9660, -38.1910, -7.2070



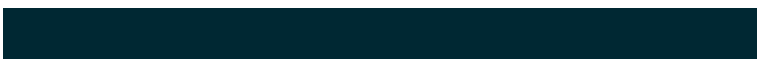
191.4340, -21.4130, 8.1150



109.6510, -6.3270, -0.9750



103.7600, -96.5090, -18.5970



29.2940, -27.3710, -5.0590

Previews

White Background



This preview shows how the YIQ color 198.3040, 28.5630, 5.4830 looks on a white background.

Color Contrast Check

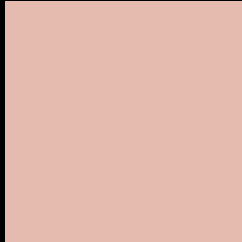
Large Text (above 18pt) WCAG AA × Fail

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 198.3040, 28.5630, 5.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

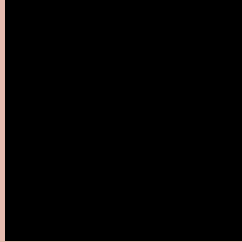
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.3040, 28.5630, 5.4830

Background



This preview shows how black text looks on a background with the YIQ color 198.3040, 28.5630, 5.4830.



This preview shows how white text looks on a background with the YIQ color 198.3040, 28.5630,

5.4830.

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

198.3040, 28.5630, 5.4830

Protanopia

196.6820, 9.5830, -2.9690

Deuteranopia

197.6840, 24.4370, 3.1650



Tritanopia

199.9480, 24.1140, 14.5300

Trichromacy



Original Color

198.3040, 28.5630, 5.4830

Protanomaly

197.3840, 16.4140, -0.1140

Deuteranomaly

197.6950, 25.9040, 4.1120

Tritanomaly

199.3240, 25.8110, 11.3070

Monochromacy



Original Color

198.3040, 28.5630, 5.4830

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0290, 10.2240, 1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3040, 28.5630, 5.4830 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(229, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(229, 187, 176)  
}
```

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(229, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 187, 176) }
```

Border

The CSS property to change the border of an element to YIQ 198.3040, 28.5630, 5.4830 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(229, 187, 176) }
```


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

```
.border{ border-color:rgb(229, 187, 176) }
```

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

Here you see how a box with a 4 pixel rgb(229, 187, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 187, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 187, 176);  
box-shadow:4px 4px 4px 4px rgb(229, 187,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3040, 28.5630, 5.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 187, 176) }
```

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

```
.background{ background-color: rgb(229,  
187, 176) }
```

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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