

Converting Colors

YIQ(199.8560, 27.3690, 16.1130)

Have a look what the booklet for
YIQ(199.8560, 27.3690, 16.1130)
contains.

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Color

**YIQ(199.8560, 27.3690,
16.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB6C5
RGB	236, 182, 197
RGB Percent	93%, 71%, 77%
CMY	0.0744, 0.2863, 0.2273
CMYK	0.00, 0.23, 0.17, 0.07
HSL	343°, 59%, 82%
HSV	343°, 23%, 93%
XYZ	61.4079, 55.3179, 60.2790
YIQ	199.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

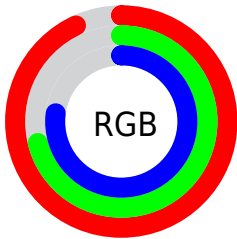
Format	Color
R _Y B	236, 182, 197
Decimal	15513285
CIE Lab	79.22, 21.80, -0.04
CIE LCh	79, 21.799, 359.887
Yxy	55.3179, 0.3469, 0.3125
Android (android.graphics.Color)	4293703365 (0xFFECB6C5)
YUV	199.8560, -1.4080, 31.6983
Hunter-Lab	74.3760, 17.2192, 4.0108

Details

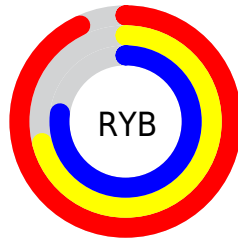
The YIQ color **199.8560, 27.3690, 16.1130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **218.1440, -27.3690, -16.1130**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.9070, 4.9960, 8.5800**, and **145.5460, 25.3060, 14.9540** is the 20% darker color. If you saturate the color by 10%, you get **183.8300, 39.4260, 23.3780**, and if you desaturate by 10%, it is **215.8820, 15.3120, 8.8480**.

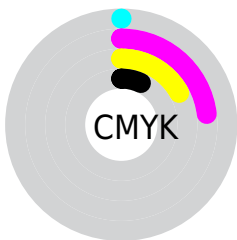
Distribution



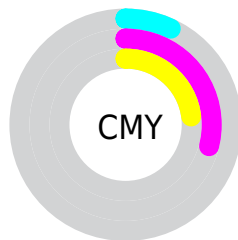
- Red (93%)
- Green (71%)
- Blue (77%)



- Red (93%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.8560, 27.3690, 16.1130 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 199.8560, 27.3690, 16.1130 by changing the saturation by 10% instead.


 199.8560, 27.3690,
16.1130


 199.8560, 27.3690,
16.1130


255.0000, -0.0000,
-0.0000


 172.2580, 26.1770,
15.6890


 244.9070, 4.9960,
8.5800

 145.8450, 25.9020,
15.1660

 119.3610, 24.3890,
15.0530

 94.6490, 23.5180,
14.3180

 70.1650, 22.0050,
14.2050

 47.1540, 20.5380,
13.2580

 24.7840, 18.7040,

13.4560

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 199.8560, 27.3690,
16.1130

■ 199.8560, 27.3690,
16.1130

■ 183.8300, 39.4260,
23.3780

■ 215.8820, 15.3120,
8.8480

■ 168.3910, 51.2080,
30.1200

■ 231.3210, 3.5300,
2.1060

■ 152.3650, 63.2650,
37.3850

■ 247.3470, -8.5270,
-5.1590

■ 136.9260, 75.0470,
44.1270

■ 249.3190,
-11.3240, -4.0280

■ 120.9000, 87.1040,
51.3920

■ 104.8740, 99.1610,
58.6570

■ 89.4350, 110.9430,
65.3990

■ 78.0880, 119.4700,
70.5580

Harmonies

Analogous

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



200.0100, 12.3760, 18.0080



199.8560, 27.3690, 16.1130



198.7610, 34.7060, 9.7940

Triad

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



199.8560, 27.3690, 16.1130



193.1510, 6.2840, -14.7720



190.9320, -40.8510, -3.0510

Complementary

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



199.8560, 27.3690, 16.1130



218.1440, -27.3690, -16.1130

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.



188.2920, -42.2250, -11.1930



199.8560, 27.3690, 16.1130



190.8050, -13.2930, -17.9090

Square

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



199.8560, 27.3690, 16.1130



195.6370, 22.6510, -8.5250



188.5780, -31.5870, -16.7630



194.8570, -27.0980, 6.5180

Rectangle

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



199.8560, 27.3690, 16.1130



197.7730, 34.4320, 3.7440



188.5780, -31.5870, -16.7630



189.5680, -42.8220, -5.8780

Sweetspot

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



199.8560, 27.3690, 16.1130



242.9520, 9.1230, 5.3710



199.8170, 5.9100, 25.0620



120.6310, 5.5930, 3.2650



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.



199.8560, 27.3690, 16.1130



208.7970, 35.0250, 20.5370



205.1900, 28.8840, 5.1720



109.6310, 5.5930, 3.2650



59.8190, 91.8260, 53.9220



17.8560, 27.3690, 16.1130

Inverse Universe

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



199.8560, 27.3690, 16.1130



208.7970, 35.0250, 20.5370



212.8100, -28.8840, -5.1720



109.6310, 5.5930, 3.2650



59.8190, 91.8260, 53.9220



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 199.8560, 27.3690, 16.1130 looks on a white background.

Color Contrast Check

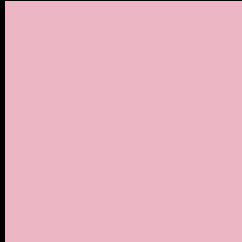
Large Text (above 18pt) WCAG AA × Fail

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 199.8560, 27.3690, 16.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

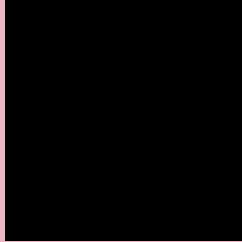
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8560, 27.3690, 16.1130

Background



This preview shows how black text looks on a background with the YIQ color 199.8560, 27.3690, 16.1130.



This preview shows how white text looks on a background with the YIQ color 199.8560, 27.3690,

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

199.8560, 27.3690, 16.1130

Protanopia

197.0370, -1.4220, 3.7460

Deuteranopia

198.3440, 13.8910, 7.0670



Tritanopia

199.7420, 27.6900, 15.8020

Trichromacy



Original Color

199.8560, 27.3690, 16.1130

Protanomaly

197.9460, 9.2600, 8.3960

Deuteranomaly

198.7900, 18.5670, 10.4310

Tritanomaly

199.7420, 27.6900, 15.8020

Monochromacy



Original Color

199.8560, 27.3690, 16.1130

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8560, 27.3690, 16.1130 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(236, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(236, 182, 197)  
}
```

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(236, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 182, 197) }
```

Border

The CSS property to change the border of an element to YIQ 199.8560, 27.3690, 16.1130 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(236, 182, 197) }
```


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

```
.border{ border-color:rgb(236, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 182, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 182, 197); box-shadow:4px 4px 4px 4px rgb(236, 182, 197) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8560, 27.3690, 16.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 182, 197) }
```

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

```
.background{ background-color: rgb(236,  
182, 197) }
```

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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