

Converting Colors

YIQ(188.8560, 27.3690, 16.1130)

Have a look what the booklet for
YIQ(188.8560, 27.3690, 16.1130)
contains.

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Color

**YIQ(188.8560, 27.3690,
16.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ABBA
RGB	225, 171, 186
RGB Percent	88%, 67%, 73%
CMY	0.1175, 0.3295, 0.2705
CMYK	0.00, 0.24, 0.17, 0.12
HSL	343°, 47%, 78%
HSV	343°, 24%, 88%
XYZ	54.4865, 48.6767, 52.9920
YIQ	188.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

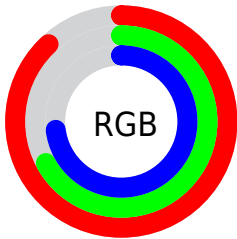
Format	Color
RYB	225, 171, 186
Decimal	14789562
CIELab	75.25, 22.04, 0.01
CIELCh	75, 22.038, 0.022
Yxy	48.6767, 0.3489, 0.3117
Android (android.graphics.Color)	4292979642 (0xFFE1ABBA)
YUV	188.8560, -1.4080, 31.6983
Hunter-Lab	69.7687, 17.3060, 3.8051

Details

The YIQ color **188.8560, 27.3690, 16.1130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **207.1440, -27.3690, -16.1130**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.0820, 11.8730, 10.6010**, and **134.9590, 25.5810, 15.4770** is the 20% darker color. If you saturate the color by 10%, you get **173.5310, 38.8300, 23.1660**, and if you desaturate by 10%, it is **203.5940, 16.1830, 9.5830**.

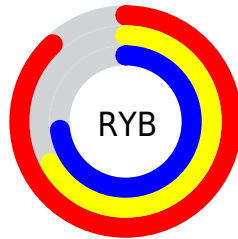
Distribution



Red (88%)

Green (67%)

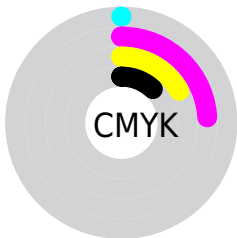
Blue (73%)



Red (88%)

Yellow (67%)

Blue (73%)

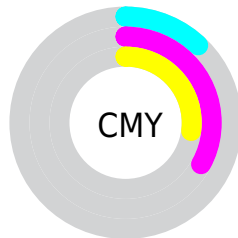


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (12%)



Cyan (12%)


Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.8560, 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 188.8560, 27.3690, 16.1130 by changing the saturation by 10% instead.


 188.8560, 27.3690,
16.1130


 188.8560, 27.3690,
16.1130


255.0000, -0.0000,
-0.0000


 161.5570, 26.7730,
15.9010


 237.0820, 11.8730,
10.6010

 134.9590, 25.5810,
15.4770

 109.3610, 24.3890,
15.0530

 84.7630, 23.1970,
14.6290

 60.8660, 21.4090,
13.9930

 38.2680, 20.2170,
13.5690

 15.4960, 19.5750,

14.1910

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 188.8560, 27.3690,
16.1130

■ 188.8560, 27.3690,
16.1130

■ 173.5310, 38.8300,
23.1660

■ 203.5940, 16.1830,
9.5830

■ 158.7930, 50.0160,
29.6960

■ 219.0330, 4.4010,
2.8410

■ 143.3540, 61.7980,
36.4380

■ 233.7710, -6.7850,
-3.6890

■ 128.6160, 72.9840,
42.9680

■ 245.5740,
-16.5960, -7.6040

■ 113.2910, 84.4450,
50.0210

■ 246.0300,
-17.8800, -6.3600

■ 98.5530, 95.6310,
56.5510

■ 83.1140, 107.4130,
63.2930

■ 74.4570, 113.8770,
67.2930

Harmonies

Analogous

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



189.0100, 12.3760, 18.0080



188.8560, 27.3690, 16.1130



187.7610, 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.



188.8560, 27.3690, 16.1130



182.1510, 6.2840, -14.7720



179.6330, -41.4470, -3.2630

Complementary

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



188.8560, 27.3690, 16.1130



207.1440, -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.



176.9930, -42.8210, -11.4050



188.8560, 27.3690, 16.1130



179.8050, -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.



188.8560, 27.3690, 16.1130



184.6370, 22.6510, -8.5250



177.6920, -31.9080, -16.4520



183.8570, -27.0980, 6.5180

Rectangle

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



188.8560, 27.3690, 16.1130



186.7730, 34.4320, 3.7440



177.6920, -31.9080, -16.4520



178.2690, -43.4180, -6.0900

Sweetspot

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



188.8560, 27.3690, 16.1130



242.9520, 9.1230, 5.3710



188.8170, 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.



188.8560, 27.3690, 16.1130



205.5200, 37.3630, 22.2190



194.1900, 28.8840, 5.1720



104.6310, 5.5930, 3.2650



58.2100, 89.1670, 52.5510



15.8340, 24.4350, 14.2190

Inverse Universe

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



188.8560, 27.3690, 16.1130



205.5200, 37.3630, 22.2190



201.8100, -28.8840, -5.1720



104.6310, 5.5930, 3.2650



58.2100, 89.1670, 52.5510



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 188.8560, 27.3690, 16.1130 looks on a white background.

Color Contrast Check

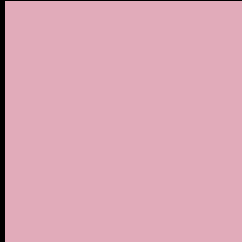
Large Text (above 18pt) WCAG AA × Fail

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 188.8560, 27.3690, 16.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

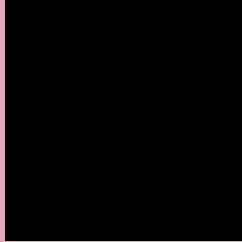
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8560, 27.3690, 16.1130

Background



This preview shows how black text looks on a background with the YIQ color 188.8560, 27.3690, 16.1130.



This preview shows how white text looks on a background with the YIQ color 188.8560, 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

188.8560, 27.3690, 16.1130

Protanopia

186.3250, -2.2930, 3.0110

Deuteranopia

187.6320, 13.0200, 6.3320



Tritanopia

188.6280, 28.0110, 15.4910

Trichromacy



Original Color

188.8560, 27.3690, 16.1130

Protanomaly

187.2340, 8.3890, 7.6610

Deuteranomaly

188.3770, 18.2920, 9.9080

Tritanomaly

188.7420, 27.6900, 15.8020

Monochromacy



Original Color

188.8560, 27.3690, 16.1130

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8560, 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(225, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 186)  
}
```

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(225, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 186) }
```

Border

The CSS property to change the border of an element to YIQ 188.8560, 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(225, 171, 186) }
```


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

```
.border{ border-color:rgb(225, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8560, 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(225, 171, 186) }
```

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

```
.background{ background-color: rgb(225,  
171, 186) }
```

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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