

Converting Colors

YIQ(181.6210, 29.8890, 25.5130)

Have a look what the booklet for
YIQ(181.6210, 29.8890, 25.5130)
contains.

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Color

**YIQ(181.6210, 29.8890,
25.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	E29DC0
RGB	226, 157, 192
RGB Percent	89%, 62%, 75%
CMY	0.1135, 0.3844, 0.2470
CMYK	0.00, 0.31, 0.15, 0.11
HSL	330°, 54%, 75%
HSV	330°, 31%, 89%
XYZ	52.9480, 44.0874, 55.6018
YIQ	181.6210, 29.8890, 25.5130

Conversions

Conversions Part 2

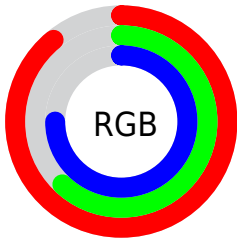
Format	Color
R _Y B	226, 157, 192
Decimal	14851520
CIE Lab	72.29, 30.86, -7.64
CIE LCh	72, 31.794, 346.094
Yxy	44.0874, 0.3469, 0.2888
Android (android.graphics.Color)	4293041600 (0xFFE29DC0)
YUV	181.6210, 5.1168, 38.9204
Hunter-Lab	66.3983, 26.1441, -3.1705

Details

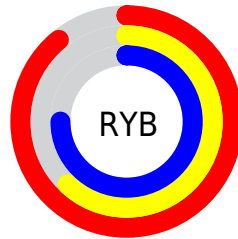
The YIQ color **181.6210, 29.8890, 25.5130** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.3790, -29.8890, -25.5130**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.9610, 14.0720, 20.3120**, and **128.3110, 27.8260, 24.3540** is the 20% darker color. If you saturate the color by 10%, you get **166.8660, 39.7450, 34.1210**, and if you desaturate by 10%, it is **196.3760, 20.0330, 16.9050**.

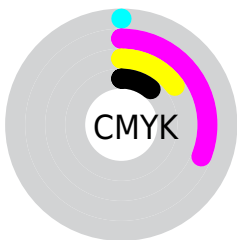
Distribution



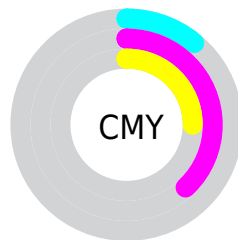
- Red (89%)
- Green (62%)
- Blue (75%)



- Red (89%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.6210, 29.8890, 25.5130 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 181.6210, 29.8890, 25.5130 by changing the saturation by 10% instead.


 181.6210, 29.8890,
25.5130


 181.6210, 29.8890,
25.5130


255.0000, -0.0000,
-0.0000


 154.3220, 29.2930,
25.3010


 228.9610, 14.0720,
20.3120


 128.3110, 27.8260,
24.3540

 246.7820, 3.8500,
7.3220

 102.3000, 26.3590,
23.4070

 77.7020, 25.1670,
22.9830

 53.1040, 23.9750,
22.5590

 27.8590, 23.2870,
24.0150

 15.4790, 18.2450,

16.2690

■ 0.0000, 0.0000,
0.0000

■ 181.6210, 29.8890,
25.5130

■ 181.6210, 29.8890,
25.5130

■ 166.8660, 39.7450,
34.1210

■ 196.3760, 20.0330,
16.9050

■ 152.6980, 49.3260,
42.2060

■ 210.5440, 10.4520,
8.8200

■ 137.9430, 59.1820,
50.8140

■ 225.2990, 0.5960,
0.2120

■ 123.6610, 69.0840,
58.5880

■ 239.5810, -9.3060,
-7.5620

■ 108.9060, 78.9400,
67.1960

■ 245.5310,
-15.0370, -8.3250

■ 94.1510, 88.7960,
75.8040

■ 246.3290,
-17.2840, -6.1480

■ 80.6840, 97.7810,
83.6770

Harmonies

Analogous

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



181.2190, 4.7180, 24.6380



181.6210, 29.8890, 25.5130



180.3050, 45.1580, 18.6140

Triad

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



181.6210, 29.8890, 25.5130



173.8720, 20.1310, -17.9250



162.0960, -70.9720, -13.3400

Complementary

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



181.6210, 29.8890, 25.5130



201.3790, -29.8890, -25.5130

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.



161.1920, -62.8550, -22.7830



181.6210, 29.8890, 25.5130



170.4110, -6.5520, -24.4400

Square

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



181.6210, 29.8890, 25.5130



176.9610, 39.2940, -7.2820



165.5570, -36.2620, -25.6540



170.1510, -54.4690, 1.4590

Rectangle

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



181.6210, 29.8890, 25.5130



179.4160, 48.9190, 11.0230



165.5570, -36.2620, -25.6540



161.1620, -71.3380, -17.7220

Sweetspot

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



181.6210, 29.8890, 25.5130



240.2450, 9.8560, 8.6080



174.7330, -2.4810, 28.4550



118.3970, 6.3720, 5.6680



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.



181.6210, 29.8890, 25.5130



194.5780, 40.6160, 34.8560



177.7450, 40.8030, 14.9390



104.9730, 4.6300, 4.1980



62.7700, 76.3270, 64.9910



17.2020, 20.5830, 17.9510

Inverse Universe

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



181.6210, 29.8890, 25.5130



194.5780, 40.6160, 34.8560



205.2550, -40.8030, -14.9390



104.9730, 4.6300, 4.1980



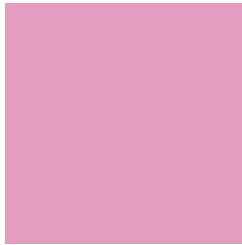
62.7700, 76.3270, 64.9910



17.2020, 20.5830, 17.9510

Previews

White Background



This preview shows how the YIQ color 181.6210, 29.8890, 25.5130 looks on a white background.

Color Contrast Check

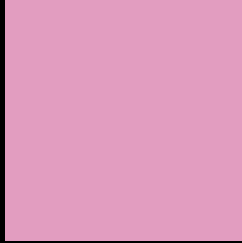
Large Text (above 18pt) WCAG AA × Fail

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 181.6210, 29.8890, 25.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

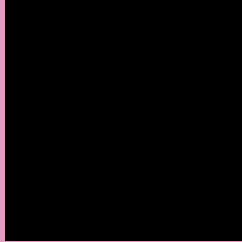
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.6210, 29.8890, 25.5130

Background



This preview shows how black text looks on a background with the YIQ color 181.6210, 29.8890, 25.5130.



This preview shows how white text looks on a background with the YIQ color 181.6210, 29.8890,

25.5130.

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

181.6210, 29.8890, 25.5130

Protanopia

178.2950, -10.7760, 8.0720

Deuteranopia

179.3200, 5.2710, 9.1030



Tritanopia

180.6180, 33.9710, 17.6110

Trichromacy



Original Color

181.6210, 29.8890, 25.5130

Protanomaly

179.4110, 3.7570, 14.5170

Deuteranomaly

180.3860, 14.0730, 14.7850

Tritanomaly

181.1280, 32.5950, 20.5230

Monochromacy



Original Color

181.6210, 29.8890, 25.5130

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6210, 29.8890, 25.5130 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(226, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 157, 192)  
}
```

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(226, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 157, 192) }
```

Border

The CSS property to change the border of an element to YIQ 181.6210, 29.8890, 25.5130 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(226, 157, 192) }
```


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

```
.border{ border-color:rgb(226, 157, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 157, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 157,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6210, 29.8890, 25.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 157, 192) }
```

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

```
.background{ background-color: rgb(226,  
157, 192) }
```

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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