

Converting Colors

YIQ(187.4170, 21.9560, 31.6200)

Have a look what the booklet for
YIQ(187.4170, 21.9560, 31.6200)
contains.

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Color

**YIQ(187.4170, 21.9560,
31.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A1D9
RGB	228, 161, 217
RGB Percent	89%, 63%, 85%
CMY	0.1057, 0.3687, 0.1490
CMYK	0.00, 0.29, 0.05, 0.11
HSL	310°, 55%, 76%
HSV	310°, 29%, 89%
XYZ	57.2764, 46.9924, 71.7049
YIQ	187.4170, 21.9560, 31.6200

Conversions

Conversions Part 2

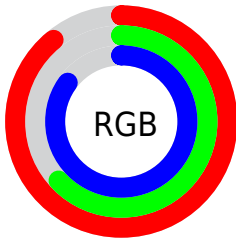
Format	Color
R _Y B	228, 161, 217
Decimal	14983641
CIE Lab	74.18, 33.60, -18.51
CIE LCh	74, 38.362, 331.146
Yxy	46.9924, 0.3255, 0.2670
Android (android.graphics.Color)	4293173721 (0xFFE4A1D9)
YUV	187.4170, 14.5844, 35.5913
Hunter-Lab	68.5510, 29.1780, -14.0321

Details

The YIQ color **187.4170, 21.9560, 31.6200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.5830, -21.9560, -31.6200**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **133.2920, 20.8100, 30.3620** is the 20% darker color. If you saturate the color by 10%, you get **173.4600, 29.5650, 42.4050**, and if you desaturate by 10%, it is **201.3740, 14.3470, 20.8350**.

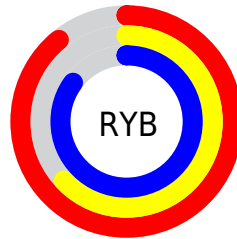
Distribution



Red (89%)

Green (63%)

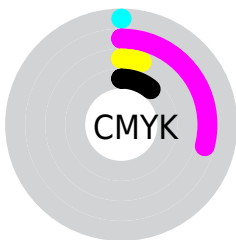
Blue (85%)



Red (89%)

Yellow (63%)

Blue (85%)

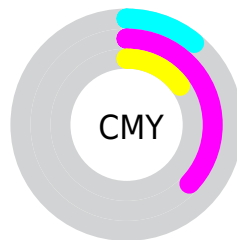


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (37%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4170, 21.9560, 31.6200 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 187.4170, 21.9560, 31.6200 by changing the saturation by 10% instead.

187.4170, 21.9560,
31.6200

187.4170, 21.9560,
31.6200

255.0000, -0.0000,
-0.0000

160.0040, 21.6810,
31.0970

232.1070, 10.7250,
20.3970

133.2920, 20.8100,
30.3620

249.1300, 2.7500,
5.2300

107.5800, 19.9390,
29.6270

82.4550, 18.7930,
28.3690

57.8570, 17.6010,
27.9450

32.6830, 18.1510,
28.9910

18.0150, 13.9800,

21.9800

■ 5.7540, 1.0530,
8.4530

■ 0.0000, 0.0000,
0.0000

■ 187.4170, 21.9560,
31.6200

■ 187.4170, 21.9560,
31.6200

■ 173.4600, 29.5650,
42.4050

■ 201.3740, 14.3470,
20.8350

■ 159.6170, 36.8530,
53.5010

■ 215.3310, 6.7380,
10.0500

■ 146.2470, 44.1870,
63.7630

■ 228.5870, -0.2750,
-0.5230

■ 132.2900, 51.7960,
74.5480

■ 242.5440, -7.8840,
-11.3080

■ 118.3330, 59.4050,
85.3330

■ 244.7610, -9.9930,
-11.6330

■ 104.3760, 67.0140,
96.1180

■ 245.2170,
-11.2770, -10.3890

■ 90.5330, 74.3020,
107.2140

■ 245.5590,
-12.2400, -9.4560

■ 89.9460, 74.5770,
107.7370

■ 246.0150,
-13.5240, -8.2120

■ 246.4710,
-14.8080, -6.9680

Harmonies

Analogous

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



185.4650, -13.5300, 24.9500



187.4170, 21.9560, 31.6200



186.1840, 47.3570, 28.3250

Triad

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



187.4170, 21.9560, 31.6200



180.1960, 36.7740, -16.6820



154.5110, -100.5420, -28.1100

Complementary

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



187.4170, 21.9560, 31.6200



201.5830, -21.9560, -31.6200

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.



162.4700, -66.9340, -31.4620



187.4170, 21.9560, 31.6200



176.1430, 8.7620, -26.6460

Square

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



187.4170, 21.9560, 31.6200



182.4900, 54.1020, -0.3140



170.3590, -27.1370, -31.3370



164.2930, -87.5240, -10.7240

Rectangle

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



187.4170, 21.9560, 31.6200



185.0460, 56.2530, 21.2850



170.3590, -27.1370, -31.3370



156.5350, -91.9220, -30.1460

Sweetspot

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



187.4170, 21.9560, 31.6200



241.0430, 7.6090, 10.7850



171.6280, -15.5470, 22.9570



118.8530, 5.0880, 6.9120



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.



187.4170, 21.9560, 31.6200



201.0470, 29.2900, 41.8820



183.6550, 32.5490, 21.3570



107.7280, 3.9420, 5.6540



70.5070, 58.8550, 84.2870



20.1510, 16.5930, 24.1850

Inverse Universe

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



187.4170, 21.9560, 31.6200



201.0470, 29.2900, 41.8820



205.3450, -32.5490, -21.3570



107.7280, 3.9420, 5.6540



70.5070, 58.8550, 84.2870



20.1510, 16.5930, 24.1850

Previews

White Background



This preview shows how the YIQ color 187.4170, 21.9560, 31.6200 looks on a white background.

Color Contrast Check

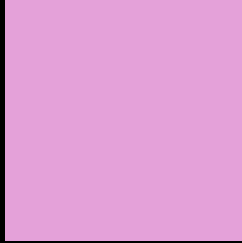
Large Text (above 18pt) WCAG AA × Fail

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 187.4170, 21.9560, 31.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

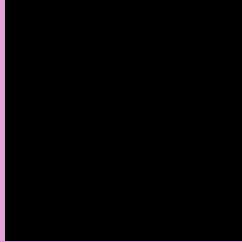
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.4170, 21.9560, 31.6200

Background



This preview shows how black text looks on a background with the YIQ color 187.4170, 21.9560, 31.6200.



This preview shows how white text looks on a background with the YIQ color 187.4170, 21.9560,

31.6200.

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

187.4170, 21.9560, 31.6200

Protanopia

183.4110, -22.6060, 13.2180

Deuteranopia

184.4960, -6.7880, 12.8920



Tritanopia

185.9270, 28.6070, 15.7030

Trichromacy



Original Color

187.4170, 21.9560, 31.6200



Protanomaly

185.0110, -6.5600, 19.7760



Deuteranomaly

185.5730, 3.4810, 19.5210



Tritanomaly

186.2460, 26.4510, 21.7390

Monochromacy



Original Color

187.4170, 21.9560, 31.6200



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.4560, 7.8840, 11.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4170, 21.9560, 31.6200 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(228, 161, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 161, 217)  
}
```

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(228, 161, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 161, 217) }
```

Border

The CSS property to change the border of an element to YIQ 187.4170, 21.9560, 31.6200 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(228, 161, 217) }
```


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

```
.border{ border-color:rgb(228, 161, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 161, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 161, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 161, 217); box-shadow:4px 4px 4px 4px rgb(228, 161, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4170, 21.9560, 31.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 161, 217) }
```

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

```
.background{ background-color: rgb(228,  
161, 217) }
```

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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