

Converting Colors

YIQ(186.5180, 31.6770, 26.1490)

Have a look what the booklet for
YIQ(186.5180, 31.6770, 26.1490)
contains.

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Color

**YIQ(186.5180, 31.6770,
26.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A1C4
RGB	233, 161, 196
RGB Percent	91%, 63%, 77%
CMY	0.0861, 0.3687, 0.2313
CMYK	0.00, 0.31, 0.16, 0.09
HSL	331°, 62%, 77%
HSV	331°, 31%, 91%
XYZ	56.3266, 46.7978, 58.3037
YIQ	186.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

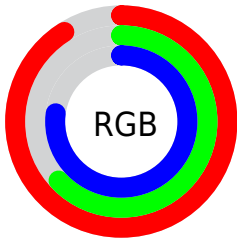
Format	Color
R _Y B	233, 161, 196
Decimal	15311300
CIE Lab	74.06, 31.79, -7.13
CIE LCh	74, 32.579, 347.355
Yxy	46.7978, 0.3489, 0.2899
Android (android.graphics.Color)	4293501380 (0xFFE9A1C4)
YUV	186.5180, 4.6746, 40.7647
Hunter-Lab	68.4089, 27.2580, -2.6456

Details

The YIQ color **186.5180, 31.6770, 26.1490** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.4820, -31.6770, -26.1490**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.8790, 11.3670, 19.7750**, and **132.2080, 29.6140, 24.9900** is the 20% darker color. If you saturate the color by 10%, you get **171.6490, 41.8540, 34.4460**, and if you desaturate by 10%, it is **201.3870, 21.5000, 17.8520**.

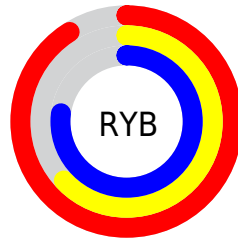
Distribution



Red (91%)

Green (63%)

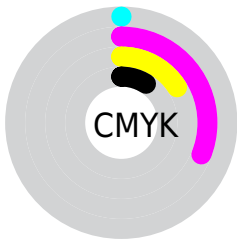
Blue (77%)



Red (91%)

Yellow (63%)

Blue (77%)

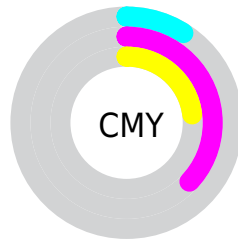


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (37%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.5180, 31.6770, 26.1490 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 186.5180, 31.6770, 26.1490 by changing the saturation by 10% instead.


 186.5180, 31.6770,
26.1490


 186.5180, 31.6770,
26.1490


255.0000, -0.0000,
-0.0000


 158.9200, 30.4850,
25.7250


 231.8790, 11.3670,
19.7750


 132.2080, 29.6140,
24.9900

 249.1300, 2.7500,
5.2300

 106.6100, 28.4220,
24.5660

 81.5990, 26.9550,
23.6190

 57.1150, 25.4420,
23.5060

 31.7560, 25.0750,
24.6510

 17.0170, 19.6660,

18.0500

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 186.5180, 31.6770,
26.1490

■ 186.5180, 31.6770,
26.1490

■ 171.6490, 41.8540,
34.4460

■ 201.3870, 21.5000,
17.8520

■ 156.1930, 52.3060,
43.2660

■ 216.8430, 11.0480,
9.0320

■ 141.3240, 62.4830,
51.5630

■ 231.7120, 0.8710,
0.7350

■ 126.4550, 72.6600,
59.8600

■ 246.5810, -9.3060,
-7.5620

■ 110.9990, 83.1120,
68.6800

■ 248.4220,
-13.1120, -4.6640

■ 96.1300, 93.2890,
76.9770

■ 82.5490, 102.5950,
84.5390

Harmonies

Analogous

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



185.9310, 5.5890, 25.3730



186.5180, 31.6770, 26.1490



185.2020, 46.9460, 19.2500

Triad

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



186.5180, 31.6770, 26.1490



178.6330, 19.3060, -19.4940



166.7260, -72.8060, -13.1420

Complementary

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



186.5180, 31.6770, 26.1490



207.4820, -31.6770, -26.1490

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.



165.2240, -65.8810, -23.0090



186.5180, 31.6770, 26.1490



174.5140, -8.3400, -25.0760

Square

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



186.5180, 31.6770, 26.1490



181.4340, 39.3400, -8.1160



170.0620, -39.2420, -26.7140



175.3790, -55.1110, 2.0810

Rectangle

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



186.5180, 31.6770, 26.1490



184.4870, 50.1570, 10.6130



170.0620, -39.2420, -26.7140



165.4930, -73.7680, -17.7360

Sweetspot

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



186.5180, 31.6770, 26.1490



240.1310, 10.1770, 8.2970



179.9720, -1.6560, 30.0240



118.2830, 6.6930, 5.3570



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.



186.5180, 31.6770, 26.1490



194.3500, 41.2580, 34.2340



182.5280, 42.9120, 15.2640



109.8590, 4.9510, 3.8870



64.1510, 79.6280, 65.7400



19.1100, 23.8380, 19.5340

Inverse Universe

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



186.5180, 31.6770, 26.1490



194.3500, 41.2580, 34.2340



211.4720, -42.9120, -15.2640



109.8590, 4.9510, 3.8870



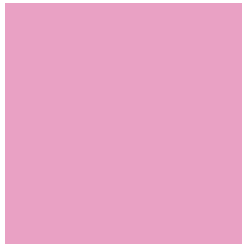
64.1510, 79.6280, 65.7400



19.1100, 23.8380, 19.5340

Previews

White Background



This preview shows how the YIQ color 186.5180, 31.6770, 26.1490 looks on a white background.

Color Contrast Check

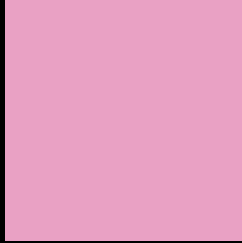
Large Text (above 18pt) WCAG AA × Fail

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 186.5180, 31.6770, 26.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

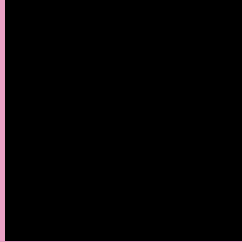
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.5180, 31.6770, 26.1490

Background



This preview shows how black text looks on a background with the YIQ color 186.5180, 31.6770, 26.1490.



This preview shows how white text looks on a background with the YIQ color 186.5180, 31.6770,

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

186.5180, 31.6770, 26.1490

Protanopia

183.2950, -10.7760, 8.0720

Deuteranopia

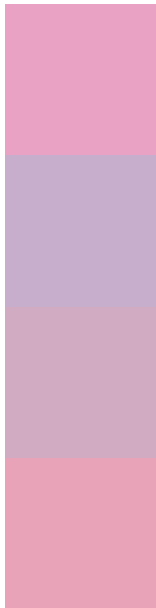
184.2060, 5.5920, 8.7920



Tritanopia

185.5150, 35.7590, 18.2470

Trichromacy



Original Color

186.5180, 31.6770, 26.1490

Protanomaly

184.5960, 4.6740, 14.4180

Deuteranomaly

184.9840, 15.2650, 15.2090

Tritanomaly

186.0250, 34.3830, 21.1590

Monochromacy



Original Color

186.5180, 31.6770, 26.1490

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1420, 11.6440, 9.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.5180, 31.6770, 26.1490 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(233, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(233, 161, 196)  
}
```

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(233, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 161, 196) }
```

Border

The CSS property to change the border of an element to YIQ 186.5180, 31.6770, 26.1490 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(233, 161, 196) }
```


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

```
.border{ border-color:rgb(233, 161, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(233, 161,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 186.5180, 31.6770, 26.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 161, 196) }
```

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

```
.background{ background-color: rgb(233,  
161, 196) }
```

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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