

Converting Colors

YIQ(191.6660, 16.8210, 31.0690)

Have a look what the booklet for
YIQ(191.6660, 16.8210, 31.0690)
contains.

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Color

**YIQ(191.6660, 16.8210,
31.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A7E2
RGB	227, 167, 226
RGB Percent	89%, 65%, 89%
CMY	0.1096, 0.3452, 0.1137
CMYK	0.00, 0.26, 0.00, 0.11
HSL	301°, 52%, 77%
HSV	301°, 26%, 89%
XYZ	59.2353, 49.4579, 78.3797
YIQ	191.6660, 16.8210, 31.0690

Conversions

Conversions Part 2

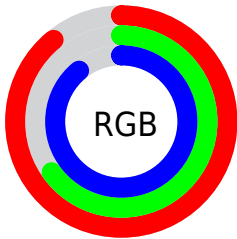
Format	Color
R _Y B	227, 167, 226
Decimal	14919650
CIE Lab	75.74, 31.68, -21.08
CIE LCh	76, 38.050, 326.358
Yxy	49.4579, 0.3166, 0.2644
Android (android.graphics.Color)	4293109730 (0xFFE3A7E2)
YUV	191.6660, 16.9267, 30.9879
Hunter-Lab	70.3263, 27.2782, -16.8511

Details

The YIQ color **191.6660, 16.8210, 31.0690** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.3340, -16.8210, -31.0690**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.2160, 8.8000, 16.7360**, and **137.5410, 15.6750, 29.8110** is the 20% darker color. If you saturate the color by 10%, you get **178.1650, 23.1460, 43.0980**, and if you desaturate by 10%, it is **205.1670, 10.4960, 19.0400**.

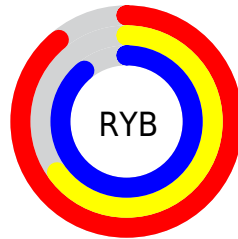
Distribution



Red (89%)

Green (65%)

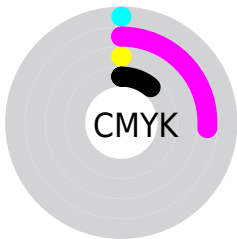
Blue (89%)



Red (89%)

Yellow (65%)

Blue (89%)

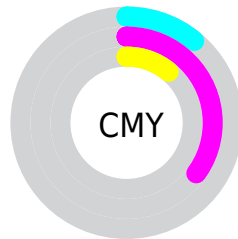


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.6660, 16.8210, 31.0690 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 191.6660, 16.8210, 31.0690 by changing the saturation by 10% instead.


 191.6660, 16.8210,
31.0690


 191.6660, 16.8210,
31.0690


255.0000, -0.0000,
-0.0000


 164.2530, 16.5460,
30.5460


 236.2160, 8.8000,
16.7360


 137.5410, 15.6750,
29.8110

 252.6520, 1.1000,
2.0920

 111.7150, 15.1250,
28.7650

 86.8890, 14.5750,
27.7190

 62.1770, 13.7040,
26.9840

 37.9920, 12.7870,
27.0830

 18.5140, 11.1370,

23.9450

■ 8.0470, 1.7860,
11.6900

■ 0.0000, 0.0000,
0.0000

■ 191.6660, 16.8210,
31.0690

■ 191.6660, 16.8210,
31.0690

■ 178.1650, 23.1460,
43.0980

■ 205.1670, 10.4960,
19.0400

■ 165.1370, 29.5170,
54.2930

■ 218.1950, 4.1250,
7.8450

■ 151.6360, 35.8420,
66.3220

■ 231.6960, -2.2000,
-4.1840

■ 138.0210, 42.4880,
78.0400

■ 243.5500, -8.0210,
-14.3330

■ 124.5200, 48.8130,
90.0690

■ 243.6640, -8.3420,
-14.0220

■ 111.6060, 54.8630,
101.5750

■ 243.7780, -8.6630,
-13.7110

■ 97.9910, 61.5090,
113.2930

■ 93.2950, 63.7090,
117.4770

Harmonies

Analogous

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



188.7740, -18.8940, 23.0420



191.6660, 16.8210, 31.0690



190.8570, 43.9640, 29.2440

Triad

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



191.6660, 16.8210, 31.0690



184.6310, 39.9830, -14.2650



161.5180, -93.2520, -28.0680

Complementary

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



191.6660, 16.8210, 31.0690



202.3340, -16.8210, -31.0690

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.



168.7760, -59.0480, -31.2080



191.6660, 16.8210, 31.0690



181.1220, 13.2550, -25.4730

Square

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



191.6660, 16.8210, 31.0690



187.1420, 55.2020, 1.7780



176.2950, -21.0850, -30.8850



167.3420, -89.2200, -13.0280

Rectangle

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



191.6660, 16.8210, 31.0690



189.4310, 53.7310, 22.9390



176.2950, -21.0850, -30.8850



163.4280, -84.3110, -30.4150

Sweetspot

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



191.6660, 16.8210, 31.0690



243.2600, 5.5000, 10.4600



174.1390, -18.6640, 18.8720



120.2550, 3.8960, 6.4880



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.



191.6660, 16.8210, 31.0690



206.7520, 22.8710, 42.5750



188.2460, 26.4510, 21.7390



107.9560, 3.3000, 6.2760



73.4710, 50.5090, 92.3730



20.9490, 14.3460, 26.3620

Inverse Universe

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



191.6660, 16.8210, 31.0690



206.7520, 22.8710, 42.5750



205.7540, -26.4510, -21.7390



107.9560, 3.3000, 6.2760



73.4710, 50.5090, 92.3730



20.9490, 14.3460, 26.3620

Previews

White Background



This preview shows how the YIQ color 191.6660, 16.8210, 31.0690 looks on a white background.

Color Contrast Check

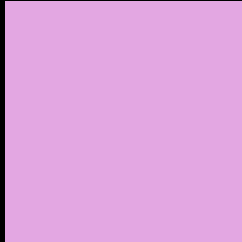
Large Text (above 18pt) WCAG AA × Fail

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 191.6660, 16.8210, 31.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

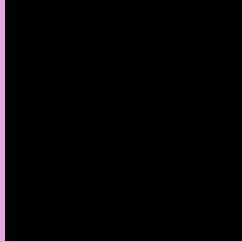
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.6660, 16.8210, 31.0690

Background



This preview shows how black text looks on a background with the YIQ color 191.6660, 16.8210, 31.0690.



This preview shows how white text looks on a background with the YIQ color 191.6660, 16.8210,

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

191.6660, 16.8210, 31.0690

Protanopia

187.5680, -24.4860, 14.2500

Deuteranopia

188.7560, -10.4560, 13.2880



Tritanopia

189.9480, 24.1140, 14.5300

Trichromacy



Original Color

191.6660, 16.8210, 31.0690



Protanomaly

188.8690, -9.0360, 20.5960



Deuteranomaly

189.8330, -0.1870, 19.9170



Tritanomaly

190.3810, 21.6370, 20.8770

Monochromacy



Original Color

191.6660, 16.8210, 31.0690



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

191.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.6660, 16.8210, 31.0690 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(227, 167, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 226)  
}
```

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(227, 167, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 226) }
```

Border

The CSS property to change the border of an element to YIQ 191.6660, 16.8210, 31.0690 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(227, 167, 226) }
```


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

```
.border{ border-color:rgb(227, 167, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 167, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 167, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 167,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 191.6660, 16.8210, 31.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 226) }
```

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

```
.background{ background-color: rgb(227,  
167, 226) }
```

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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