

Converting Colors

YIQ(189.8690, 26.4950, 31.9590)

Have a look what the booklet for
YIQ(189.8690, 26.4950, 31.9590)
contains.

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Color

**YIQ(189.8690, 26.4950,
31.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA2D7
RGB	235, 162, 215
RGB Percent	92%, 64%, 84%
CMY	0.0782, 0.3648, 0.1568
CMYK	0.00, 0.31, 0.09, 0.08
HSL	316°, 65%, 78%
HSV	316°, 31%, 92%
XYZ	59.4611, 48.4082, 70.5108
YIQ	189.8690, 26.4950, 31.9590

Conversions

Conversions Part 2

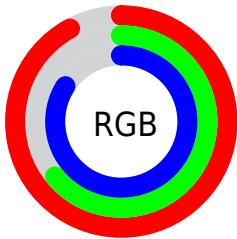
Format	Color
R _Y B	235, 162, 215
Decimal	15442647
CIE Lab	75.08, 35.04, -16.00
CIE LCh	75, 38.515, 335.462
Yxy	48.4082, 0.3333, 0.2714
Android (android.graphics.Color)	4293632727 (0xFFEBA2D7)
YUV	189.8690, 12.3896, 39.5799
Hunter-Lab	69.5760, 30.7920, -11.3834

Details

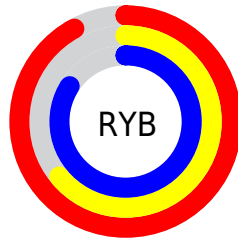
The YIQ color $189.8690, 26.4950, 31.9590$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $207.1310, -26.4950, -31.9590$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.2810, 10.1750, 19.3510$, and $135.4450, 24.7530, 30.4890$ is the 20% darker color. If you saturate the color by 10%, you get $175.0970, 35.0210, 42.6450$, and if you desaturate by 10%, it is $204.0540, 18.2440, 21.7960$.

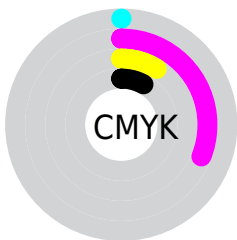
Distribution



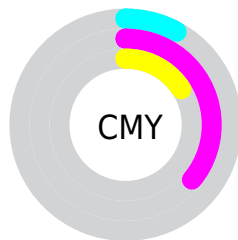
- Red (92%)
- Green (64%)
- Blue (84%)



- Red (92%)
- Yellow (64%)
- Blue (84%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.8690, 26.4950, 31.9590 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 189.8690, 26.4950, 31.9590 by changing the saturation by 10% instead.

 189.8690, 26.4950,
31.9590


 189.8690, 26.4950,
31.9590


255.0000, -0.0000,
-0.0000


 162.1570, 25.6240,
31.2240


 233.2810, 10.1750,
19.3510


 135.4450, 24.7530,
30.4890

 249.7170, 2.4750,
4.7070

 109.7330, 23.8820,
29.7540

 84.1350, 22.6900,
29.3300

 59.4230, 21.8190,
28.5950

 33.4770, 21.7270,
30.2630

 19.0970, 16.6850,

22.5170

■ 8.8150, 8.2510,
10.1630

■ 0.0000, 0.0000,
0.0000

■ 189.8690, 26.4950,
31.9590

■ 189.8690, 26.4950,
31.9590

■ 175.0970, 35.0210,
42.6450

■ 204.0540, 18.2440,
21.7960

■ 160.7980, 43.5930,
52.4970

■ 218.9400, 9.3970,
11.4210

■ 146.0260, 52.1190,
63.1830

■ 233.1250, 1.1460,
1.2580

■ 131.7270, 60.6910,
73.0350

■ 247.4240, -7.4260,
-8.5940

■ 116.9550, 69.2170,
83.7210

■ 248.1080, -9.3520,
-6.7280

■ 102.6560, 77.7890,
93.5730

■ 248.9060,
-11.5990, -4.5510

■ 89.7590, 85.1690,
103.0010

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



188.4550, -7.5700, 27.0700



189.8690, 26.4950, 31.9590



188.3260, 49.8330, 27.5050

Triad

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



189.8690, 26.4950, 31.9590



181.9890, 32.9230, -18.4770



157.3800, -101.5510, -26.3430

Complementary

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



189.8690, 26.4950, 31.9590



207.1310, -26.4950, -31.9590

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.



163.8330, -72.3900, -31.7020



189.8690, 26.4950, 31.9590



177.8650, 3.6730, -28.0310

Square

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



189.8690, 26.4950, 31.9590



185.0120, 52.4520, -3.4520



171.7220, -32.5930, -31.5770



168.8530, -83.1690, -7.0490

Rectangle

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



189.8690, 26.4950, 31.9590



187.0630, 57.5830, 19.2070



171.7220, -32.5930, -31.5770



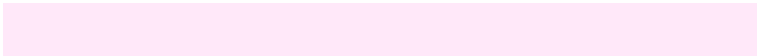
157.9090, -95.9110, -29.4390

Sweetspot

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



189.8690, 26.4950, 31.9590



240.8150, 8.2510, 10.1630



176.0030, -12.1090, 26.7310



118.7390, 5.4090, 6.6010



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.



189.8690, 26.4950, 31.9590



196.8580, 34.1960, 41.0760



185.7650, 38.0510, 20.7630



110.2010, 3.9880, 4.8200



69.0530, 65.8250, 79.1130



20.5920, 19.6650, 23.5770

Inverse Universe

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



189.8690, 26.4950, 31.9590



196.8580, 34.1960, 41.0760



211.2350, -38.0510, -20.7630



110.2010, 3.9880, 4.8200



69.0530, 65.8250, 79.1130



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 189.8690, 26.4950, 31.9590 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 189.8690, 26.4950, 31.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

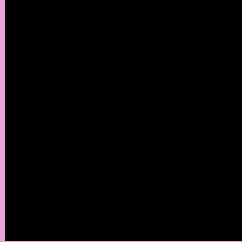
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.8690, 26.4950, 31.9590

Background



This preview shows how black text looks on a background with the YIQ color 189.8690, 26.4950, 31.9590.



This preview shows how white text looks on a background with the YIQ color 189.8690, 26.4950,

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

189.8690, 26.4950, 31.9590

Protanopia

185.6670, -20.4510, 12.7090

Deuteranopia

187.5240, -3.9910, 11.7610



Tritanopia

188.3190, 33.3750, 17.3990

Trichromacy



Original Color

189.8690, 26.4950, 31.9590



Protanomaly

186.9790, -3.5340, 20.0020



Deuteranomaly

188.3130, 7.1490, 19.1250



Tritanomaly

188.8120, 30.6690, 22.3890

Monochromacy



Original Color

189.8690, 26.4950, 31.9590



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.9400, 9.3970, 11.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8690, 26.4950, 31.9590 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(235, 162, 215)` looks like.

```
.text, #text, p{  
    color:rgb(235, 162, 215)  
}
```

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(235, 162, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 162, 215) }
```

Border

The CSS property to change the border of an element to YIQ 189.8690, 26.4950, 31.9590 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(235, 162, 215) }
```


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

```
.border{ border-color:rgb(235, 162, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 162, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 162, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 162, 215);  
box-shadow:4px 4px 4px 4px rgb(235, 162,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8690, 26.4950, 31.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 162, 215) }
```

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

```
.background{ background-color: rgb(235,  
162, 215) }
```

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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