

Converting Colors

YIQ(162.3900, 34.6130, 16.9890)

Have a look what the booklet for
YIQ(162.3900, 34.6130, 16.9890)
contains.

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Color

**YIQ(162.3900, 34.6130,
16.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8E99
RGB	206, 142, 153
RGB Percent	81%, 56%, 60%
CMY	0.1920, 0.4432, 0.3999
CMYK	0.00, 0.31, 0.26, 0.19
HSL	350°, 40%, 68%
HSV	350°, 31%, 81%
XYZ	40.8864, 34.7666, 34.7069
YIQ	162.3900, 34.6130, 16.9890

Conversions

Conversions Part 2

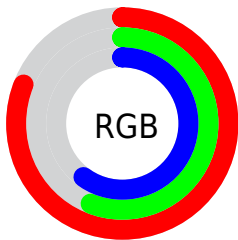
Format	Color
R_{YB}	206, 142, 153
Decimal	13536921
CIE _{Lab}	65.57, 25.86, 4.01
CIE _{LCh}	66, 26.171, 8.817
Yxy	34.7666, 0.3705, 0.3150
Android (android.graphics.Color)	4291727001 (0xFFCE8E99)
YUV	162.3900, -4.6293, 38.2460
Hunter-Lab	58.9632, 20.5901, 6.3750

Details

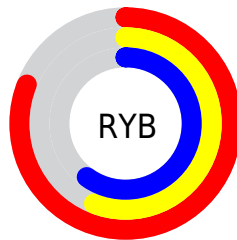
The YIQ color **162.3900, 34.6130, 16.9890** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **185.6100, -34.6130, -16.9890**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8950, 31.6330, 15.9290**, and **109.8950, 31.6330, 15.9290** is the 20% darker color. If you saturate the color by 10%, you get **148.1250, 45.8450, 22.6850**, and if you desaturate by 10%, it is **176.6550, 23.3810, 11.2930**.

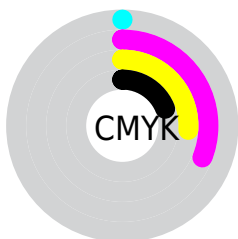
Distribution



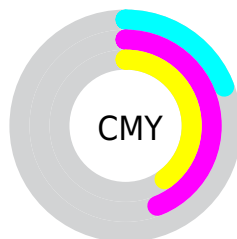
- Red (81%)
- Green (56%)
- Blue (60%)



- Red (81%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (19%)




- Cyan (19%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.3900, 34.6130, 16.9890 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 162.3900, 34.6130, 16.9890 by changing the saturation by 10% instead.

 162.3900, 34.6130,
16.9890


 162.3900, 34.6130,
16.9890


255.0000, -0.0000,
-0.0000


 135.7920, 33.4210,
16.5650


 214.8950, 31.6330,
15.9290


 109.8950, 31.6330,
15.9290


 234.6370, 14.6240,
10.3040

 85.2970, 30.4410,
15.5050

 253.8260, 0.5500,
1.0460

 60.5140, 28.3320,
15.1800

 37.7310, 26.2230,
14.8550

 15.7200, 24.7560,
13.9080

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 162.3900, 34.6130,
16.9890

■ 162.3900, 34.6130,
16.9890

■ 148.1250, 45.8450,
22.6850

■ 176.6550, 23.3810,
11.2930

■ 134.4470, 56.8020,
27.8580

■ 190.3330, 12.4240,
6.1200

■ 120.1820, 68.0340,
33.5540

■ 204.5980, 1.1920,
0.4240

■ 106.5040, 78.9910,
38.7270

■ 218.2760, -9.7650,
-4.7490

■ 92.2390, 90.2230,
44.4230

■ 232.5410,
-20.9970, -10.4450

■ 77.9740, 101.4550,
50.1190

■ 240.3490,
-29.2040, -10.3880

■ 65.6980, 111.2200,
54.8680

Harmonies

Analogous

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



163.0110, 19.8030, 21.0750



162.3900, 34.6130, 16.9890



161.0450, 39.6580, 8.1540

Triad

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



162.3900, 34.6130, 16.9890



154.6940, 0.1410, -19.0830



152.4630, -46.7200, -1.3120

Complementary

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



162.3900, 34.6130, 16.9890



185.6100, -34.6130, -16.9890

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.



148.1210, -54.9250, -12.3090



162.3900, 34.6130, 16.9890



151.2490, -23.4710, -20.6790

Square

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



162.3900, 34.6130, 16.9890



157.3330, 20.4510, -12.7090



147.9940, -44.5620, -18.4020



158.5630, -26.0900, 10.2780

Rectangle

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



162.3900, 34.6130, 16.9890



160.3340, 37.0460, 0.4220



147.9940, -44.5620, -18.4020



150.6040, -51.6710, -5.1990

Sweetspot

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



162.3900, 34.6130, 16.9890



239.3330, 12.4240, 6.1200



164.8440, 10.4480, 30.9280



117.8270, 7.9770, 4.1130



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.



162.3900, 34.6130, 16.9890



190.9300, 50.8880, 24.9040



172.8760, 32.6440, 3.1080



95.2180, 5.3180, 2.7420



52.9400, 89.6270, 44.2110



12.1600, 20.4010, 10.2330

Inverse Universe

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



162.3900, 34.6130, 16.9890



190.9300, 50.8880, 24.9040



175.1240, -32.6440, -3.1080



95.2180, 5.3180, 2.7420



52.9400, 89.6270, 44.2110



12.1600, 20.4010, 10.2330

Previews

White Background



This preview shows how the YIQ color 162.3900, 34.6130, 16.9890 looks on a white background.

Color Contrast Check

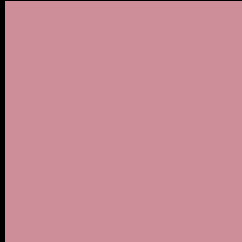
Large Text (above 18pt) WCAG AA × Fail

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 162.3900, 34.6130, 16.9890 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 162.3900, 34.6130, 16.9890

Background



This preview shows how black text looks on a background with the YIQ color 162.3900, 34.6130, 16.9890.



This preview shows how white text looks on a background with the YIQ color 162.3900, 34.6130,

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

162.3900, 34.6130, 16.9890

Protanopia

160.3530, 0.5040, 1.8800

Deuteranopia

160.8340, 15.2670, 4.1550



Tritanopia

162.3900, 34.6130, 16.9890

Trichromacy



Original Color

162.3900, 34.6130, 16.9890

Protanomaly

161.1590, 12.9740, 7.1660

Deuteranomaly

161.5900, 22.0060, 8.6780

Tritanomaly

162.3900, 34.6130, 16.9890

Monochromacy



Original Color

162.3900, 34.6130, 16.9890

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.3330, 12.4240, 6.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.3900, 34.6130, 16.9890 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(206, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(206, 142, 153)  
}
```

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(206, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 142, 153) }
```

Border

The CSS property to change the border of an element to YIQ 162.3900, 34.6130, 16.9890 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(206, 142, 153) }
```


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

```
.border{ border-color:rgb(206, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(206, 142,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 162.3900, 34.6130, 16.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 142, 153) }
```

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

```
.background{ background-color: rgb(206,  
142, 153) }
```

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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