

Converting Colors

YIQ(176.2890, 42.0870, 13.6950)

Have a look what the booklet for
YIQ(176.2890, 42.0870, 13.6950)
contains.

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Color

**YIQ(176.2890, 42.0870,
13.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	E19C99
RGB	225, 156, 153
RGB Percent	88%, 61%, 60%
CMY	0.1175, 0.3883, 0.3998
CMYK	0.00, 0.31, 0.32, 0.12
HSL	2°, 55%, 74%
HSV	2°, 32%, 88%
XYZ	48.7012, 42.0827, 35.7116
YIQ	176.2890, 42.0870, 13.6950

Conversions

Conversions Part 2

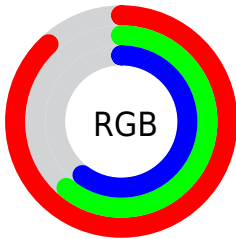
Format	Color
R _Y B	225, 156, 153
Decimal	14785689
CIE Lab	70.93, 25.41, 11.95
CIE LCh	71, 28.082, 25.184
Yxy	42.0827, 0.3850, 0.3327
Android (android.graphics.Color)	4292975769 (0xFFE19C99)
YUV	176.2890, -11.4815, 42.7195
Hunter-Lab	64.8712, 20.4818, 12.7707

Details

The YIQ color **176.2890, 42.0870, 13.6950** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.7110, -42.0870, -13.6950**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.7000, 27.5080, 8.0840**, and **122.9080, 38.7860, 12.9460** is the 20% darker color. If you saturate the color by 10%, you get **160.8670, 55.1990, 18.3590**, and if you desaturate by 10%, it is **191.8250, 28.6540, 9.3420**.

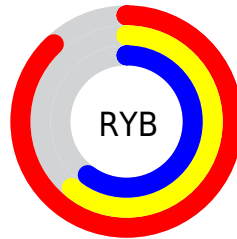
Distribution



Red (88%)

Green (61%)

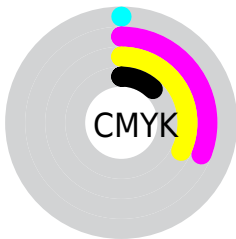
Blue (60%)



Red (88%)

Yellow (61%)

Blue (60%)

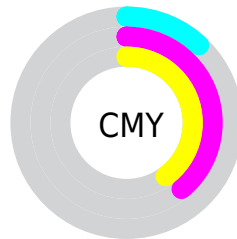


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (12%)



Cyan (12%)


Magenta (39%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.2890, 42.0870, 13.6950 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 176.2890, 42.0870, 13.6950 by changing the saturation by 10% instead.


 176.2890, 42.0870,
13.6950


 176.2890, 42.0870,
13.6950


255.0000, -0.0000,
-0.0000


 149.3920, 40.2990,
13.0590


 223.7000, 27.5080,
8.0840


 122.9080, 38.7860,
12.9460

 243.4420, 10.4990,
2.4590

 97.1250, 36.6770,
12.6210

 73.2280, 34.8890,
11.9850

 49.2600, 31.8630,
11.7590

 25.1890, 30.6250,
12.1690

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 176.2890, 42.0870,
13.6950

■ 176.2890, 42.0870,
13.6950

■ 160.8670, 55.1990,
18.3590

■ 191.8250, 28.6540,
9.3420

■ 145.9180, 68.3570,
22.1890

■ 206.6600, 15.8170,
5.2010

■ 130.4960, 81.4690,
26.8530

■ 222.1960, 2.3840,
0.8480

■ 115.5470, 94.6270,
30.6830

■ 237.0310,
-10.4530, -3.2930

■ 100.1250,
107.7390, 35.3470

■ 246.0300,
-17.8800, -6.3600

■ 84.5890, 121.1720,
39.7000

■ 72.5580, 131.6250,
42.9930

Harmonies

Analogous

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



177.4700, 31.6320, 21.4560



176.2890, 42.0870, 13.6950



174.8400, 41.4930, 2.4290

Triad

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



176.2890, 42.0870, 13.6950



166.8710, -13.6590, -22.2910



169.8000, -40.1190, 5.7130

Complementary

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



176.2890, 42.0870, 13.6950



201.7110, -42.0870, -13.6950

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.



163.6140, -57.6310, -7.3190



176.2890, 42.0870, 13.6950



162.9960, -38.8760, -22.3320

Square

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



176.2890, 42.0870, 13.6950



170.0820, 10.7320, -18.2920



160.2900, -57.0790, -17.3270



175.1240, -14.3080, 17.0200

Rectangle

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



176.2890, 42.0870, 13.6950



173.5630, 34.6630, -5.9530



160.2900, -57.0790, -17.3270



167.7450, -47.4540, 0.9780

Sweetspot

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



176.2890, 42.0870, 13.6950



238.0620, 14.6250, 4.7770



182.5080, 20.4420, 37.0340



117.3710, 9.2610, 2.8690



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.



176.2890, 42.0870, 13.6950



189.3510, 56.7120, 18.4720



196.8340, 32.4620, -4.6100



104.2890, 6.5560, 2.3320



56.7330, 102.9710, 33.6510



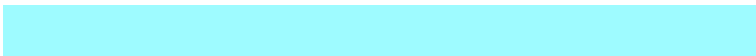
15.5260, 28.0580, 9.1300

Inverse Universe

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



201.7110, -42.0870, -13.6950



223.6490, -56.7120, -18.4720



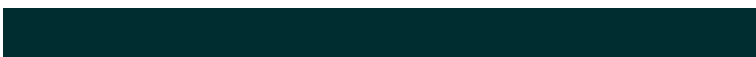
181.1660, -32.4620, 4.6100



108.7110, -6.5560, -2.3320



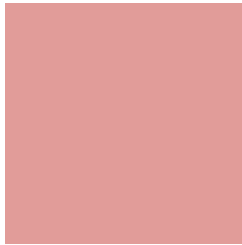
119.2670, -102.9710, -33.6510



32.4740, -28.0580, -9.1300

Previews

White Background



This preview shows how the YIQ color 176.2890, 42.0870, 13.6950 looks on a white background.

Color Contrast Check

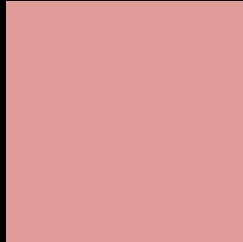
Large Text (above 18pt) WCAG AA × Fail

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 176.2890, 42.0870, 13.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

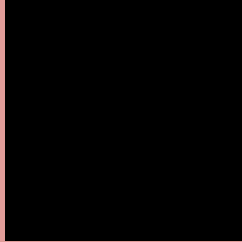
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.2890, 42.0870, 13.6950

Background



This preview shows how black text looks on a background with the YIQ color 176.2890, 42.0870, 13.6950.

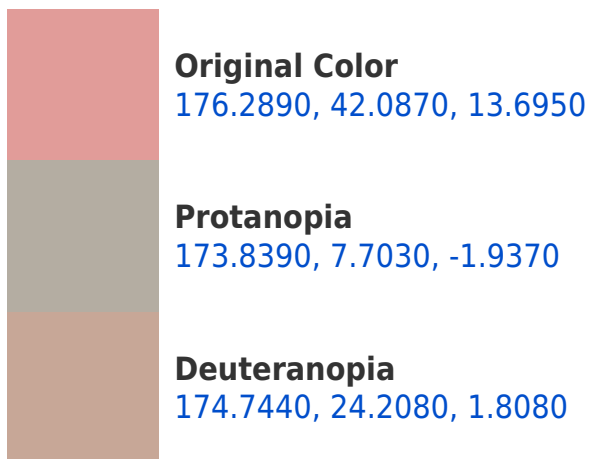


This preview shows how white text looks on a background with the YIQ color 176.2890, 42.0870,

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





Tritanopia

176.8960, 39.0600, 18.9960

Trichromacy



Original Color

176.2890, 42.0870, 13.6950

Protanomaly

174.7590, 19.8520, 3.6600

Deuteranomaly

175.2010, 30.3510, 6.1190

Tritanomaly

176.9130, 40.3900, 16.9180

Monochromacy



Original Color

176.2890, 42.0870, 13.6950

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.3610, 15.2210, 4.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.2890, 42.0870, 13.6950 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(225, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(225, 156, 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(225, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 156, 153) }
```

Border

The CSS property to change the border of an element to YIQ 176.2890, 42.0870, 13.6950 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(225, 156, 153) }
```


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

```
.border{ border-color:rgb(225, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(225, 156,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 176.2890, 42.0870, 13.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 156, 153) }
```

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

```
.background{ background-color: rgb(225,  
156, 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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