

Converting Colors

YIQ(176.3040, 37.7310, 15.5470)

Have a look what the booklet for
YIQ(176.3040, 37.7310, 15.5470)
contains.

YIQ(176.3040, 37.7310, 15.5470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(176.3040, 37.7310,
15.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9CA1
RGB	222, 156, 161
RGB Percent	87%, 61%, 63%
CMY	0.1293, 0.3883, 0.3685
CMYK	0.00, 0.30, 0.27, 0.13
HSL	355°, 50%, 74%
HSV	355°, 30%, 87%
XYZ	48.4568, 41.8782, 39.2648
YIQ	176.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

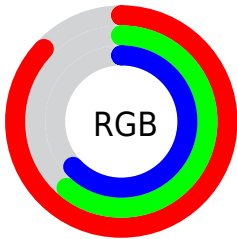
Format	Color
R _Y B	222, 156, 161
Decimal	14589089
CIE Lab	70.79, 25.35, 7.28
CIE LCh	71, 26.374, 16.014
Yxy	41.8782, 0.3739, 0.3231
Android (android.graphics.Color)	4292779169 (0xFFDE9CA1)
YUV	176.3040, -7.5449, 40.0754
Hunter-Lab	64.7134, 20.4109, 9.3252

Details

The YIQ color **176.3040, 37.7310, 15.5470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.6960, -37.7310, -15.5470**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.7260, 24.6190, 10.8830**, and **122.9230, 34.4300, 14.7980** is the 20% darker color. If you saturate the color by 10%, you get **161.1100, 50.2010, 20.8330**, and if you desaturate by 10%, it is **191.6120, 24.9400, 10.5720**.

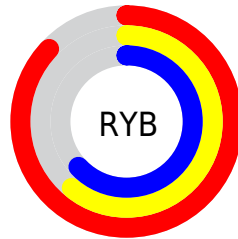
Distribution



Red (87%)

Green (61%)

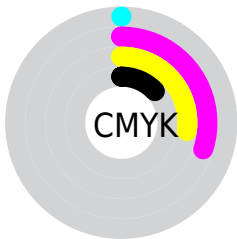
Blue (63%)



Red (87%)

Yellow (61%)

Blue (63%)

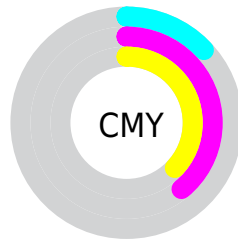


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.3040, 37.7310, 15.5470 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 176.3040, 37.7310, 15.5470 by changing the saturation by 10% instead.


 176.3040, 37.7310,
15.5470

 176.3040, 37.7310,
15.5470


255.0000, -0.0000,
-0.0000


 149.4070, 35.9430,
14.9110


 224.7260, 24.6190,
10.8830


 122.9230, 34.4300,
14.7980

 244.3540, 7.9310,
4.9470

 97.3250, 33.2380,
14.3740

 73.4280, 31.4500,
13.7380

 49.6450, 29.3410,
13.4130

 25.5030, 26.8650,
14.2330

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 176.3040, 37.7310,
15.5470

■ 176.3040, 37.7310,
15.5470

■ 161.1100, 50.2010,
20.8330

■ 191.6120, 24.9400,
10.5720

■ 145.8020, 62.9920,
25.8080

■ 206.8060, 12.4700,
5.2860

■ 130.0210, 75.7370,
31.6170

■ 222.7010, -0.5960,
-0.2120

■ 114.7130, 88.5280,
36.5920

■ 237.8950,
-13.0660, -5.4980

■ 99.5190, 100.9980,
41.8780

■ 245.1330,
-19.6680, -6.9960

■ 84.2110, 113.7890,
46.8530

■ 69.0170, 126.2590,
52.1390

■ 68.3160, 126.8550,
52.3510

Harmonies

Analogous

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



177.2350, 24.9840, 20.7920



176.3040, 37.7310, 15.5470



174.7630, 40.3920, 5.8640

Triad

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



176.3040, 37.7310, 15.5470



167.5300, -5.2690, -20.1570



168.3110, -43.2360, 1.6280

Complementary

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



176.3040, 37.7310, 15.5470



201.6960, -37.7310, -15.5470

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.



163.0010, -54.4670, -9.5950



176.3040, 37.7310, 15.5470



164.3130, -29.5230, -21.1310

Square

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



176.3040, 37.7310, 15.5470



170.7130, 16.3250, -15.0270



162.0690, -49.1470, -17.9070



173.7810, -20.7720, 13.0200

Rectangle

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



176.3040, 37.7310, 15.5470



173.5680, 36.2670, -1.9810



162.0690, -49.1470, -17.9070



166.1530, -48.7830, -2.4710

Sweetspot

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



176.3040, 37.7310, 15.5470



239.1050, 13.0660, 5.4980



181.7630, 15.1700, 33.4580



117.7130, 8.2980, 3.8020



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.



176.3040, 37.7310, 15.5470



191.3060, 52.5850, 21.6810



192.1700, 31.6360, -0.6520



104.4030, 6.2350, 2.6430



54.1060, 100.7230, 41.3550



14.8080, 27.3240, 11.4200

Inverse Universe

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



176.3040, 37.7310, 15.5470



191.3060, 52.5850, 21.6810



186.4170, -31.9110, 0.1290



104.4030, 6.2350, 2.6430



54.1060, 100.7230, 41.3550



14.8080, 27.3240, 11.4200

Previews

White Background



This preview shows how the YIQ color 176.3040, 37.7310, 15.5470 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 176.3040, 37.7310, 15.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

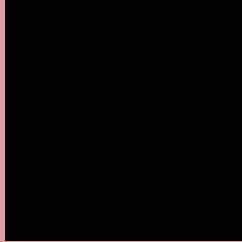
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.3040, 37.7310, 15.5470

Background



This preview shows how black text looks on a background with the YIQ color 176.3040, 37.7310, 15.5470.



This preview shows how white text looks on a background with the YIQ color 176.3040, 37.7310,

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

176.3040, 37.7310, 15.5470

Protanopia

173.8540, 3.3470, -0.0850

Deuteranopia

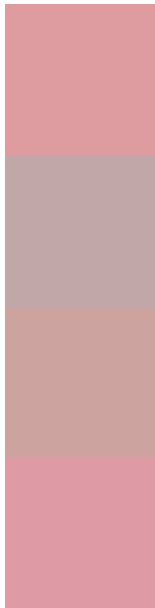
174.7590, 19.8520, 3.6600



Tritanopia

176.7000, 36.6760, 18.1480

Trichromacy



Original Color

176.3040, 37.7310, 15.5470

Protanomaly

174.7740, 15.4960, 5.5120

Deuteranomaly

175.2160, 25.9950, 7.9710

Tritanomaly

176.4720, 37.3180, 17.5260

Monochromacy



Original Color

176.3040, 37.7310, 15.5470

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.4040, 13.6620, 5.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3040, 37.7310, 15.5470 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(222, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(222, 156, 161)  
}
```

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(222, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 156, 161) }
```

Border

The CSS property to change the border of an element to YIQ 176.3040, 37.7310, 15.5470 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(222, 156, 161) }
```


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

```
.border{ border-color:rgb(222, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 156, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 156, 161); box-shadow:4px 4px 4px 4px rgb(222, 156, 161) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3040, 37.7310, 15.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 156, 161) }
```

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

```
.background{ background-color: rgb(222,  
156, 161) }
```

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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