

Converting Colors

YIQ(176.2850, 21.5470, 11.4910)

Have a look what the booklet for
YIQ(176.2850, 21.5470, 11.4910)
contains.

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Color

**YIQ(176.2850, 21.5470,
11.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA3AC
RGB	204, 163, 172
RGB Percent	80%, 64%, 67%
CMY	0.1999, 0.3608, 0.3254
CMYK	0.00, 0.20, 0.16, 0.20
HSL	347°, 29%, 72%
HSV	347°, 20%, 80%
XYZ	45.4515, 42.0087, 44.7527
YIQ	176.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

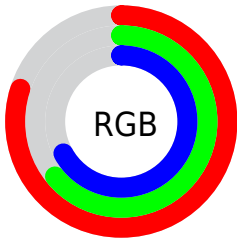
Format	Color
R_{YB}	204, 163, 172
Decimal	13411244
CIE _{Lab}	70.88, 16.53, 1.09
CIE _{LCh}	71, 16.563, 3.759
Yxy	42.0087, 0.3438, 0.3177
Android (android.graphics.Color)	4291601324 (0xFFCCA3AC)
YUV	176.2850, -2.1125, 24.3061
Hunter-Lab	64.8141, 11.7501, 4.4314

Details

The YIQ color **176.2850, 21.5470, 11.4910** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.7150, -21.5470, -11.4910**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.0890, 19.1630, 10.6430**, and **123.3880, 19.7590, 10.8550** is the 20% darker color. If you saturate the color by 10%, you get **162.7210, 32.1830, 16.9750**, and if you desaturate by 10%, it is **189.8490, 10.9110, 6.0070**.

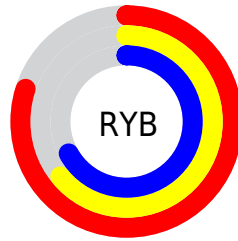
Distribution



Red (80%)

Green (64%)

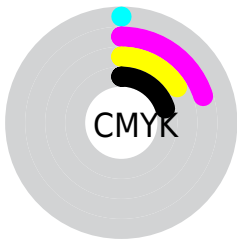
Blue (67%)



Red (80%)

Yellow (64%)

Blue (67%)

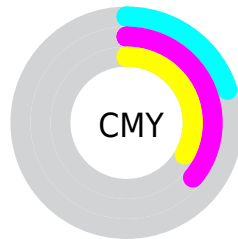


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.2850, 21.5470, 11.4910 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 176.2850, 21.5470, 11.4910 by changing the saturation by 10% instead.

■ 176.2850, 21.5470,
11.4910

■ 176.2850, 21.5470,
11.4910

255.0000, -0.0000,
-0.0000

■ 149.5730, 20.6760,
10.7560

■ 230.0890, 19.1630,
10.6430

■ 123.3880, 19.7590,
10.8550

■ 250.3040, 2.2000,
4.1840

■ 98.6760, 18.8880,
10.1200

■ 74.3770, 18.2920,
9.9080

■ 51.4800, 16.5040,
9.2720

■ 29.8820, 15.3120,
8.8480

■ 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 176.2850, 21.5470,
11.4910

■ 176.2850, 21.5470,
11.4910

■ 162.7210, 32.1830,
16.9750

■ 189.8490, 10.9110,
6.0070

■ 148.5700, 43.0940,
22.9820

■ 204.0000, -0.0000,
-0.0000

■ 135.0060, 53.7300,
28.4660

■ 217.5640,
-10.6360, -5.4840

■ 120.8550, 64.6410,
34.4730

■ 231.7150,
-21.5470, -11.4910

■ 107.2910, 75.2770,
39.9570

■ 239.4090,
-29.4330, -11.7450

■ 93.8410, 85.5920,
45.7520

■ 239.7510,
-30.3960, -10.8120

■ 79.6900, 96.5030,
51.7590

■ 66.1260, 107.1390,
57.2430

Harmonies

Analogous

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



176.4780, 10.8180, 13.2020



176.2850, 21.5470, 11.4910



175.4610, 26.6830, 6.5150

Triad

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



176.2850, 21.5470, 11.4910



171.2910, 3.0740, -11.6620



170.3310, -28.7930, -1.3130

Complementary

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



176.2850, 21.5470, 11.4910



190.7150, -21.5470, -11.4910

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.



168.5600, -31.1760, -7.6880



176.2850, 21.5470, 11.4910



169.3370, -11.7350, -13.1030

Square

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



176.2850, 21.5470, 11.4910



172.6840, 15.2690, -6.8990



167.7470, -24.5730, -11.7170



172.8210, -18.2490, 5.8390

Rectangle

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



176.2850, 21.5470, 11.4910



174.9290, 25.1250, 1.7090



167.7470, -24.5730, -11.7170



169.3800, -30.4890, -3.6170

Sweetspot

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



176.2850, 21.5470, 11.4910



244.8270, 7.9770, 4.1130



176.9430, 5.3150, 19.3230



121.9190, 4.7220, 2.5300



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.



176.2850, 21.5470, 11.4910



213.7210, 32.1830, 16.9750



181.7160, 21.4110, 2.9390



95.2180, 5.3180, 2.7420



53.7380, 87.3800, 46.3880



12.2740, 20.0800, 10.5440

Inverse Universe

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



176.2850, 21.5470, 11.4910



213.7210, 32.1830, 16.9750



185.2840, -21.4110, -2.9390



95.2180, 5.3180, 2.7420



53.7380, 87.3800, 46.3880



12.2740, 20.0800, 10.5440

Previews

White Background



This preview shows how the YIQ color 176.2850, 21.5470, 11.4910 looks on a white background.

Color Contrast Check

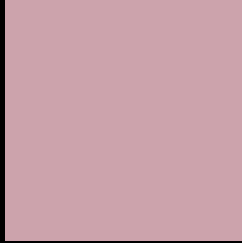
Large Text (above 18pt) WCAG AA × Fail

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 176.2850, 21.5470, 11.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

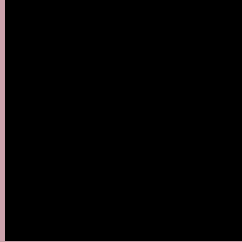
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.2850, 21.5470, 11.4910

Background



This preview shows how black text looks on a background with the YIQ color 176.2850, 21.5470, 11.4910.



This preview shows how white text looks on a background with the YIQ color 176.2850, 21.5470,

11.4910.

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

176.2850, 21.5470, 11.4910

Protanopia

174.4670, 0.1830, 2.1910

Deuteranopia

175.2190, 12.7450, 5.8090



Tritanopia

176.0400, 20.8590, 12.9470

Trichromacy



Original Color

176.2850, 21.5470, 11.4910

Protanomaly

174.8810, 7.8850, 5.7810

Deuteranomaly

175.5400, 16.2750, 7.9150

Tritanomaly

175.9260, 21.1800, 12.6360

Monochromacy



Original Color

176.2850, 21.5470, 11.4910

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.2850, 21.5470, 11.4910 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(204, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 172)  
}
```

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(204, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 172) }
```

Border

The CSS property to change the border of an element to YIQ 176.2850, 21.5470, 11.4910 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(204, 163, 172) }
```


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

```
.border{ border-color:rgb(204, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 176.2850, 21.5470, 11.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 172) }
```

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

```
.background{ background-color: rgb(204,  
163, 172) }
```

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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