

Converting Colors

YIQ(178.8790, 28.5620, 11.0100)

Have a look what the booklet for
YIQ(178.8790, 28.5620, 11.0100)
contains.

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Color

**YIQ(178.8790, 28.5620,
11.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A4A6
RGB	213, 164, 166
RGB Percent	84%, 64%, 65%
CMY	0.1646, 0.3569, 0.3489
CMYK	0.00, 0.23, 0.22, 0.16
HSL	357°, 37%, 74%
HSV	357°, 23%, 84%
XYZ	47.6066, 43.4484, 41.9673
YIQ	178.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

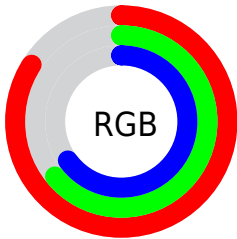
Format	Color
R _Y B	213, 164, 166
Decimal	14001318
CIE Lab	71.86, 18.38, 5.93
CIE LCh	72, 19.315, 17.877
Yxy	43.4484, 0.3579, 0.3266
Android (android.graphics.Color)	4292191398 (0xFFD5A4A6)
YUV	178.8790, -6.3493, 29.9241
Hunter-Lab	65.9154, 13.5676, 8.3917

Details

The YIQ color **178.8790, 28.5620, 11.0100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.1210, -28.5620, -11.0100**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.9920, 20.8140, 8.2540**, and **125.6830, 26.1780, 10.1620** is the 20% darker color. If you saturate the color by 10%, you get **164.2720, 40.7570, 15.7730**, and if you desaturate by 10%, it is **193.4860, 16.3670, 6.2470**.

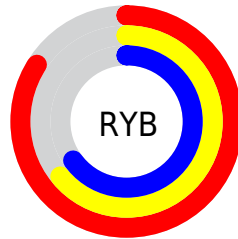
Distribution



Red (84%)

Green (64%)

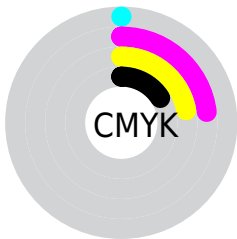
Blue (65%)



Red (84%)

Yellow (64%)

Blue (65%)

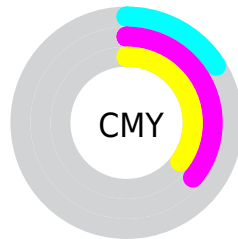


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (16%)



Cyan (16%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.8790, 28.5620, 11.0100 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 178.8790, 28.5620, 11.0100 by changing the saturation by 10% instead.


 178.8790, 28.5620,
11.0100


 178.8790, 28.5620,
11.0100


255.0000, -0.0000,
-0.0000


 152.2810, 27.3700,
10.5860


 229.9920, 20.8140,
8.2540


 125.9820, 26.7740,
10.3740

 250.3210, 3.5300,
2.1060

 100.4980, 25.2610,
10.2610

 76.4870, 23.7940,
9.3140

 53.0030, 22.2810,
9.2010

 31.2200, 20.1720,
8.8760

 10.7640, 21.4560,

7.6320

■ 0.0000, 0.0000,
0.0000

■ 178.8790, 28.5620,
11.0100

■ 178.8790, 28.5620,
11.0100

■ 164.2720, 40.7570,
15.7730

■ 193.4860, 16.3670,
6.2470

■ 148.9640, 53.5480,
20.7480

■ 208.7940, 3.5760,
1.2720

■ 134.3570, 65.7430,
25.5110

■ 223.4010, -8.6190,
-3.4910

■ 119.6360, 78.2590,
29.9630

■ 238.1220,
-21.1350, -7.9430

■ 104.4420, 90.7290,
35.2490

■ 242.4420,
-25.0320, -8.9040

■ 89.8350, 102.9240,
40.0120

■ 75.1140, 115.4400,
44.4640

■ 64.7130, 124.0590,
47.9550

Harmonies

Analogous

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



179.1370, 19.2080, 15.3360



178.8790, 28.5620, 11.0100



177.7340, 30.1680, 3.9280

Triad

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



178.8790, 28.5620, 11.0100



171.9910, -4.9490, -14.9410



173.5530, -29.2980, 2.3340

Complementary

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



178.8790, 28.5620, 11.0100



198.1210, -28.5620, -11.0100

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.



170.2050, -37.3660, -5.6380



178.8790, 28.5620, 11.0100



170.1940, -21.6380, -15.3500

Square

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



178.8790, 28.5620, 11.0100



174.1950, 12.1520, -10.9840



168.9570, -33.9720, -12.0840



176.7940, -13.6190, 10.0370

Rectangle

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



178.8790, 28.5620, 11.0100



176.8920, 26.5470, -2.0370



168.9570, -33.9720, -12.0840



172.7050, -32.7820, -0.6060

Sweetspot

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



178.8790, 28.5620, 11.0100



242.4960, 10.4070, 4.1270



183.6390, 12.2830, 25.2030



120.4030, 6.2350, 2.6430



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.



178.8790, 28.5620, 11.0100



205.5710, 41.3530, 15.9850



191.5650, 23.1540, -1.1180



99.4030, 6.2350, 2.6430



51.9270, 99.6690, 38.4290



13.0850, 24.9860, 9.7380

Inverse Universe

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



178.8790, 28.5620, 11.0100



205.5710, 41.3530, 15.9850



185.4350, -23.1540, 1.1180



99.4030, 6.2350, 2.6430



51.9270, 99.6690, 38.4290



13.0850, 24.9860, 9.7380

Previews

White Background



This preview shows how the YIQ color 178.8790, 28.5620, 11.0100 looks on a white background.

Color Contrast Check

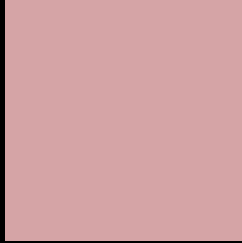
Large Text (above 18pt) WCAG AA × Fail

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 178.8790, 28.5620, 11.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

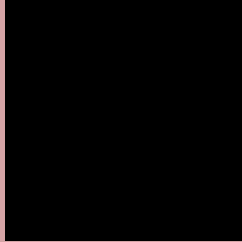
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.8790, 28.5620, 11.0100

Background



This preview shows how black text looks on a background with the YIQ color 178.8790, 28.5620, 11.0100.



This preview shows how white text looks on a background with the YIQ color 178.8790, 28.5620,

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

178.8790, 28.5620, 11.0100

Protanopia

176.7400, 3.6680, -0.3960

Deuteranopia

177.8020, 18.2930, 4.3810



Tritanopia

179.6170, 26.5440, 14.5440

Trichromacy



Original Color

178.8790, 28.5620, 11.0100

Protanomaly

177.7520, 12.5620, 3.6180

Deuteranomaly

178.1230, 21.8230, 6.4870

Tritanomaly

179.2750, 27.5070, 13.6110

Monochromacy



Original Color

178.8790, 28.5620, 11.0100

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.8790, 28.5620, 11.0100 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(213, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(213, 164, 166)  
}
```

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(213, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 164, 166) }
```

Border

The CSS property to change the border of an element to YIQ 178.8790, 28.5620, 11.0100 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(213, 164, 166) }
```


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

```
.border{ border-color:rgb(213, 164, 166) }
```

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

Here you see how a box with a 4 pixel rgb(213, 164, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(213, 164,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 178.8790, 28.5620, 11.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 164, 166) }
```

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

```
.background{ background-color: rgb(213,  
164, 166) }
```

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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