

Converting Colors

YIQ(178.5200, 28.1950, 12.1550)

Have a look what the booklet for
YIQ(178.5200, 28.1950, 12.1550)
contains.

YIQ(178.5200, 28.1950, 12.1550)	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(178.5200, 28.1950,
12.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A3A8
RGB	213, 163, 168
RGB Percent	84%, 64%, 66%
CMY	0.1646, 0.3608, 0.3411
CMYK	0.00, 0.23, 0.21, 0.16
HSL	354°, 37%, 74%
HSV	354°, 23%, 84%
XYZ	47.6135, 43.1659, 42.8816
YIQ	178.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

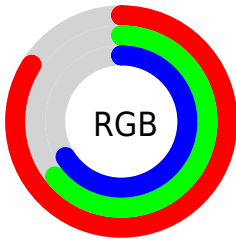
Format	Color
R_{YB}	213, 163, 168
Decimal	14001064
CIE _{Lab}	71.67, 19.22, 4.55
CIE _{LCh}	72, 19.755, 13.318
Yxy	43.1659, 0.3562, 0.3230
Android (android.graphics.Color)	4292191144 (0xFFD5A3A8)
YUV	178.5200, -5.1864, 30.2390
Hunter-Lab	65.7008, 14.3831, 7.2931

Details

The YIQ color **178.5200, 28.1950, 12.1550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **197.4800, -28.1950, -12.1550**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.6330, 20.4470, 9.3990**, and **125.3240, 25.8110, 11.3070** is the 20% darker color. If you saturate the color by 10%, you get **164.0270, 40.0690, 17.2290**, and if you desaturate by 10%, it is **193.0130, 16.3210, 7.0810**.

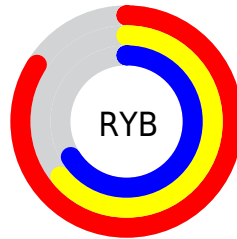
Distribution



Red (84%)

Green (64%)

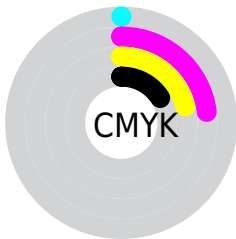
Blue (66%)



Red (84%)

Yellow (64%)

Blue (66%)

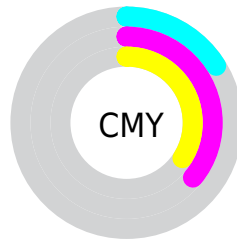


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.5200, 28.1950, 12.1550 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 178.5200, 28.1950, 12.1550 by changing the saturation by 10% instead.


 178.5200, 28.1950,
12.1550


 178.5200, 28.1950,
12.1550


255.0000, -0.0000,
-0.0000


 151.9220, 27.0030,
11.7310


 229.6330, 20.4470,
9.3990


 125.6230, 26.4070,
11.5190

 249.9620, 3.1630,
3.2510

 100.1390, 24.8940,
11.4060

 76.1280, 23.4270,
10.4590

 52.6440, 21.9140,
10.3460

 30.7470, 20.1260,
9.7100

 10.7640, 21.4560,

7.6320

■ 0.0000, 0.0000,
0.0000

■ 178.5200, 28.1950,
12.1550

■ 178.5200, 28.1950,
12.1550

■ 164.0270, 40.0690,
17.2290

■ 193.0130, 16.3210,
7.0810

■ 148.9470, 52.2180,
22.8260

■ 208.0930, 4.1720,
1.4840

■ 134.4540, 64.0920,
27.9000

■ 222.5860, -7.7020,
-3.5900

■ 119.8470, 76.2870,
32.6630

■ 237.1930,
-19.8970, -8.3530

■ 104.7670, 88.4360,
38.2600

■ 242.4420,
-25.0320, -8.9040

■ 90.2740, 100.3100,
43.3340

■ 75.7810, 112.1840,
48.4080

■ 66.0810, 120.2070,
51.6870

Harmonies

Analogous

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



179.0660, 17.9700, 15.7460



178.5200, 28.1950, 12.1550



177.5600, 30.7180, 4.9740

Triad

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



178.5200, 28.1950, 12.1550



171.9590, -1.9230, -14.7150



172.3570, -31.6820, 1.4860

Complementary

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



178.5200, 28.1950, 12.1550



197.4800, -28.1950, -12.1550

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.



169.0800, -38.5120, -6.8960



178.5200, 28.1950, 12.1550



169.5640, -19.8040, -15.5480

Square

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



178.5200, 28.1950, 12.1550



174.0920, 13.9400, -10.3480



168.3160, -33.6050, -13.2290



175.7120, -16.3240, 9.5000

Rectangle

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



178.5200, 28.1950, 12.1550



176.3160, 28.2890, -0.5670



168.3160, -33.6050, -13.2290



171.0960, -35.4410, -1.9770

Sweetspot

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



178.5200, 28.1950, 12.1550



242.6100, 10.0860, 4.4380



181.8560, 10.1740, 24.8780



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.



178.5200, 28.1950, 12.1550



206.0270, 40.0690, 17.2290



189.1030, 24.5750, 0.6630



99.4030, 6.2350, 2.6430



53.0670, 96.4590, 41.5390



13.3130, 24.3440, 10.3600

Inverse Universe

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



178.5200, 28.1950, 12.1550



206.0270, 40.0690, 17.2290



186.8970, -24.5750, -0.6630



99.4030, 6.2350, 2.6430



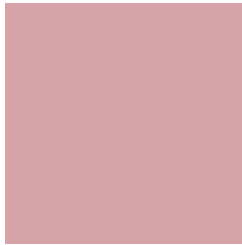
53.0670, 96.4590, 41.5390



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 178.5200, 28.1950, 12.1550 looks on a white background.

Color Contrast Check

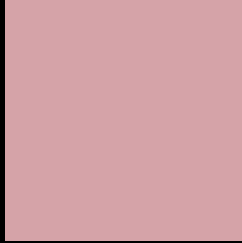
Large Text (above 18pt) WCAG AA × Fail

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 178.5200, 28.1950, 12.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

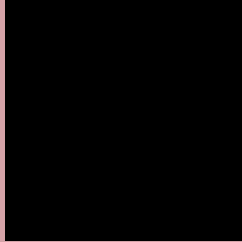
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.5200, 28.1950, 12.1550

Background



This preview shows how black text looks on a background with the YIQ color 178.5200, 28.1950, 12.1550.



This preview shows how white text looks on a background with the YIQ color 178.5200, 28.1950,

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

178.5200, 28.1950, 12.1550

Protanopia

176.1960, 2.3840, 0.8480

Deuteranopia

177.4320, 16.4590, 4.5790



Tritanopia

178.9160, 27.1400, 14.7560

Trichromacy



Original Color

178.5200, 28.1950, 12.1550

Protanomaly

177.0940, 11.5990, 4.5510

Deuteranomaly

177.4650, 20.8600, 7.4200

Tritanomaly

178.6880, 27.7820, 14.1340

Monochromacy



Original Color

178.5200, 28.1950, 12.1550

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.6100, 10.0860, 4.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.5200, 28.1950, 12.1550 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, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 168)  
}
```

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, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 168) }
```

Border

The CSS property to change the border of an element to YIQ 178.5200, 28.1950, 12.1550 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, 163, 168) }
```


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

```
.border{ border-color:rgb(213, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 178.5200, 28.1950, 12.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 168) }
```

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

```
.background{ background-color: rgb(213,  
163, 168) }
```

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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