

Converting Colors

YIQ(178.3630, 30.0750, 11.1230)

Have a look what the booklet for
YIQ(178.3630, 30.0750, 11.1230)
contains.

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Color

**YIQ(178.3630, 30.0750,
11.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A3A4
RGB	214, 163, 164
RGB Percent	84%, 64%, 64%
CMY	0.1607, 0.3608, 0.3567
CMYK	0.00, 0.24, 0.23, 0.16
HSL	359°, 38%, 74%
HSV	359°, 24%, 84%
XYZ	47.5376, 43.1690, 40.9632
YIQ	178.3630, 30.0750, 11.1230

Conversions

Conversions Part 2

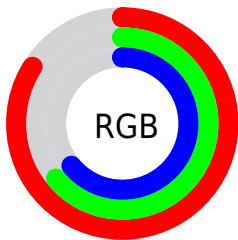
Format	Color
R _Y B	214, 163, 164
Decimal	14066596
CIE Lab	71.67, 19.00, 6.77
CIE LCh	72, 20.175, 19.619
Yxy	43.1690, 0.3610, 0.3279
Android (android.graphics.Color)	4292256676 (0xFFD6A3A4)
YUV	178.3630, -7.0810, 31.2536
Hunter-Lab	65.7031, 14.1680, 9.0273

Details

The YIQ color **178.3630, 30.0750, 11.1230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.6370, -30.0750, -11.1230**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1770, 21.7310, 8.1550**, and **125.1670, 27.6910, 10.2750** is the 20% darker color. If you saturate the color by 10%, you get **163.6420, 42.5910, 15.5750**, and if you desaturate by 10%, it is **193.0840, 17.5590, 6.6710**.

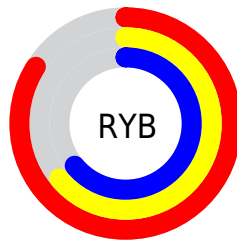
Distribution



Red (84%)

Green (64%)

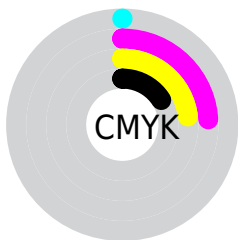
Blue (64%)



Red (84%)

Yellow (64%)

Blue (64%)

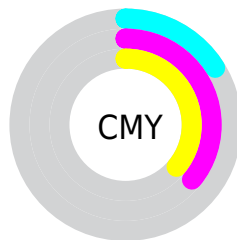


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.3630, 30.0750, 11.1230 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 178.3630, 30.0750, 11.1230 by changing the saturation by 10% instead.


 178.3630, 30.0750,
11.1230


 178.3630, 30.0750,
11.1230


255.0000, -0.0000,
-0.0000


 151.7650, 28.8830,
10.6990


 229.1770, 21.7310,
8.1550


 125.1670, 27.6910,
10.2750

 249.3920, 4.7680,
1.6960

 99.9820, 26.7740,
10.3740

 76.0850, 24.9860,
9.7380

 52.3020, 22.8770,
9.4130

 30.4050, 21.0890,
8.7770

 10.7640, 21.4560,

7.6320

■ 0.0000, 0.0000,
0.0000

■ 178.3630, 30.0750,
11.1230

■ 178.3630, 30.0750,
11.1230

■ 163.6420, 42.5910,
15.5750

■ 193.0840, 17.5590,
6.6710

■ 148.3340, 55.3820,
20.5500

■ 208.3920, 4.7680,
1.6960

■ 133.6130, 67.8980,
25.0020

■ 223.1130, -7.7480,
-2.7560

■ 118.3050, 80.6890,
29.9770

■ 238.4210,
-20.5390, -7.7310

■ 103.5840, 93.2050,
34.4290

■ 242.7410,
-24.4360, -8.6920

■ 88.8630, 105.7210,
38.8810

■ 73.5550, 118.5120,
43.8560

■ 64.4420, 126.2600,
46.6120

Harmonies

Analogous

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



179.0340, 20.9960, 15.9720



178.3630, 30.0750, 11.1230



176.8050, 31.4060, 3.5180

Triad

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



178.3630, 30.0750, 11.1230



171.2790, -5.8200, -15.6760



172.7810, -29.9400, 2.9560

Complementary

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



178.3630, 30.0750, 11.1230



198.6370, -30.0750, -11.1230

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.



169.7210, -38.8790, -5.7510



178.3630, 30.0750, 11.1230



169.2970, -23.4260, -15.9860

Square

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



178.3630, 30.0750, 11.1230



173.4830, 11.2810, -11.7190



168.1740, -36.0810, -12.4090



176.3210, -13.6650, 10.8710

Rectangle

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



178.3630, 30.0750, 11.1230



176.0770, 27.4640, -2.1360



168.1740, -36.0810, -12.4090



171.7480, -34.3410, 0.1150

Sweetspot

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



178.3630, 30.0750, 11.1230



242.4960, 10.4070, 4.1270



183.4650, 12.8330, 26.2490



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.



178.3630, 30.0750, 11.1230



203.3540, 43.4620, 16.3100



192.3370, 23.7960, -1.7400



99.4030, 6.2350, 2.6430



51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Inverse Universe

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



178.3630, 30.0750, 11.1230



203.3540, 43.4620, 16.3100



184.6630, -23.7960, 1.7400



99.4030, 6.2350, 2.6430



51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 178.3630, 30.0750, 11.1230 looks on a white background.

Color Contrast Check

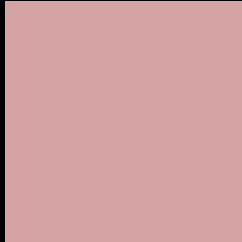
Large Text (above 18pt) WCAG AA × Fail

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 178.3630, 30.0750, 11.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

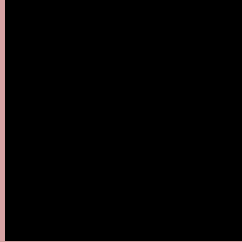
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.3630, 30.0750, 11.1230

Background



This preview shows how black text looks on a background with the YIQ color 178.3630, 30.0750, 11.1230.



This preview shows how white text looks on a background with the YIQ color 178.3630, 30.0750,

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

178.3630, 30.0750, 11.1230

Protanopia

176.0390, 4.2640, -0.1840

Deuteranopia

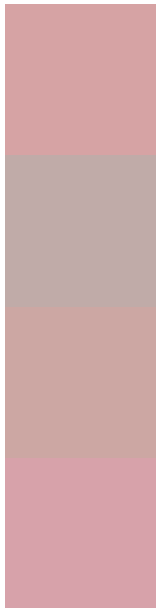
177.5740, 18.9350, 3.7590



Tritanopia

178.6280, 28.0110, 15.4910

Trichromacy



Original Color

178.3630, 30.0750, 11.1230

Protanomaly

176.9370, 13.4790, 3.5190

Deuteranomaly

177.6070, 23.3360, 6.6000

Tritanomaly

178.7590, 29.0200, 13.7240

Monochromacy



Original Color

178.3630, 30.0750, 11.1230

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.3820, 10.7280, 3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3630, 30.0750, 11.1230 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(214, 163, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 164)  
}
```

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(214, 163, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 164) }
```

Border

The CSS property to change the border of an element to YIQ 178.3630, 30.0750, 11.1230 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(214, 163, 164) }
```


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

```
.border{ border-color:rgb(214, 163, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3630, 30.0750, 11.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 164) }
```

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

```
.background{ background-color: rgb(214,  
163, 164) }
```

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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