

Converting Colors

YIQ(180.7630, 14.0290, 4.5650)

Have a look what the booklet for
YIQ(180.7630, 14.0290, 4.5650)
contains.

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Color

**YIQ(180.7630, 14.0290,
4.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AEAD
RGB	197, 174, 173
RGB Percent	77%, 68%, 68%
CMY	0.2274, 0.3177, 0.3215
CMYK	0.00, 0.12, 0.12, 0.23
HSL	2°, 17%, 73%
HSV	2°, 12%, 77%
XYZ	45.7080, 45.1582, 45.8498
YIQ	180.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

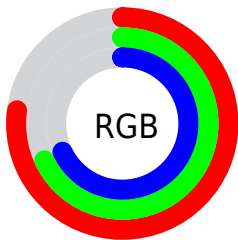
Format	Color
R _{YB}	197, 174, 173
Decimal	12955309
CIE Lab	73.00, 8.13, 3.53
CIE LCh	73, 8.863, 23.501
Yxy	45.1582, 0.3343, 0.3303
Android (android.graphics.Color)	4291145389 (0xFFC5AEAD)
YUV	180.7630, -3.8272, 14.2398
Hunter-Lab	67.1999, 3.8122, 6.5869

Details

The YIQ color **180.7630, 14.0290, 4.5650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189.2370, -14.0290, -4.5650**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3610, 15.2210, 4.9890**, and **128.1650, 12.8370, 4.1410** is the 20% darker color. If you saturate the color by 10%, you get **167.3300, 25.6740, 8.2820**, and if you desaturate by 10%, it is **194.1960, 2.3840, 0.8480**.

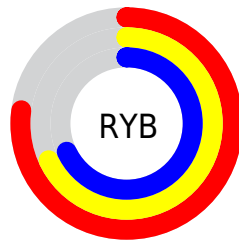
Distribution



Red (77%)

Green (68%)

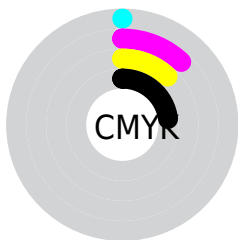
Blue (68%)



Red (77%)

Yellow (68%)

Blue (68%)

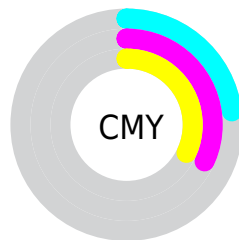


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.7630, 14.0290, 4.5650 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 180.7630, 14.0290, 4.5650 by changing the saturation by 10% instead.

■ 180.7630, 14.0290,
4.5650

■ 180.7630, 14.0290,
4.5650

■ 255.0000, -0.0000,
-0.0000

■ 153.7630, 14.0290,
4.5650

■ 236.3610, 15.2210,
4.9890

■ 128.1650, 12.8370,
4.1410

■ 102.8660, 12.2410,
3.9290

■ 78.5670, 11.6450,
3.7170

■ 55.6810, 11.3240,
4.0280

■ 34.0830, 10.1320,
3.6040

■ 10.7630, 14.0290,

4.5650

■ 0.0000, 0.0000,
0.0000

■ 180.7630, 14.0290,
4.5650

■ 180.7630, 14.0290,
4.5650

■ 167.3300, 25.6740,
8.2820

■ 194.1960, 2.3840,
0.8480

■ 154.0110, 36.9980,
12.3100

■ 207.5150, -8.9400,
-3.1800

■ 140.5780, 48.6430,
16.0270

■ 220.9480,
-20.5850, -6.8970

■ 127.1450, 60.2880,
19.7440

■ 234.3810,
-32.2300, -10.6140

■ 114.4130, 71.3370,
23.2490

■ 237.6580,
-34.5680, -12.2960

■ 100.9800, 82.9820,
26.9660

■ 87.5470, 94.6270,
30.6830

■ 74.1140, 106.2720,
34.4000

■ 63.5990, 115.2120,
37.5800

Harmonies

Analogous

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



181.0770, 10.2690, 6.6290



180.7630, 14.0290, 4.5650



180.2420, 13.9380, 0.7060

Triad

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



180.7630, 14.0290, 4.5650



177.5170, -3.2540, -7.1100



178.4210, -11.3710, 2.3330

Complementary

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



180.7630, 14.0290, 4.5650



189.2370, -14.0290, -4.5650

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.



177.7470, -15.4050, -1.6530



180.7630, 14.0290, 4.5650



176.6240, -10.8650, -6.8410

Square

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



180.7630, 14.0290, 4.5650



178.4640, 4.2650, -5.7110



176.6390, -15.2210, -4.9890



180.1230, -4.5400, 5.1880

Rectangle

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



180.7630, 14.0290, 4.5650



179.4050, 11.9210, -1.2870



176.6390, -15.2210, -4.9890



177.9970, -13.1130, 0.8630

Sweetspot

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



180.7630, 14.0290, 4.5650



247.9900, 5.9600, 2.1200



182.7980, 6.9210, 12.2410



123.0930, 4.1720, 1.4840



0.0000, 0.0000, 0.0000



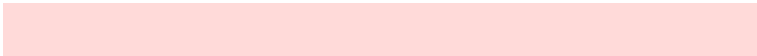
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.7630, 14.0290, 4.5650



228.9490, 22.3730, 7.5330



187.8070, 10.7290, -1.7110



92.6910, 5.3640, 1.9080



52.8460, 95.2230, 30.8950



11.3510, 21.1810, 7.1090

Inverse Universe

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



189.2370, -14.0290, -4.5650



242.4640, -22.0980, -7.0100



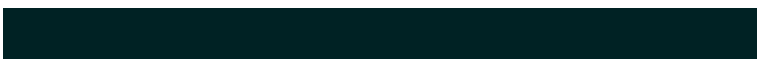
182.1930, -10.7290, 1.7110



96.3090, -5.3640, -1.9080



110.7410, -95.4980, -31.4180



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 180.7630, 14.0290, 4.5650 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 180.7630, 14.0290, 4.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

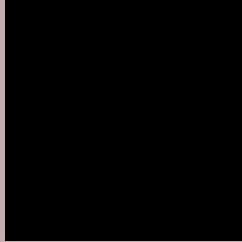
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.7630, 14.0290, 4.5650

Background



This preview shows how black text looks on a background with the YIQ color 180.7630, 14.0290, 4.5650.



This preview shows how white text looks on a background with the YIQ color 180.7630, 14.0290,

4.5650.

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

180.7630, 14.0290, 4.5650

Protanopia

179.2670, 3.6220, 0.4380

Deuteranopia

180.7740, 15.4960, 5.5120



Tritanopia

181.6690, 11.5980, 10.0780

Trichromacy



Original Color

180.7630, 14.0290, 4.5650

Protanomaly

180.0610, 7.1980, 1.7100

Deuteranomaly

180.4750, 14.9000, 5.3000

Tritanomaly

181.3870, 12.3320, 7.7880

Monochromacy



Original Color

180.7630, 14.0290, 4.5650

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.6910, 5.3640, 1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7630, 14.0290, 4.5650 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(197, 174, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 173)  
}
```

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(197, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 173) }
```

Border

The CSS property to change the border of an element to YIQ 180.7630, 14.0290, 4.5650 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(197, 174, 173) }
```


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

```
.border{ border-color:rgb(197, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7630, 14.0290, 4.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 173) }
```

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

```
.background{ background-color: rgb(197,  
174, 173) }
```

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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