

Converting Colors

YIQ(178.7430, -0.4140, 7.5060)

Have a look what the booklet for
YIQ(178.7430, -0.4140, 7.5060)
contains.

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Color

**YIQ(178.7430, -0.4140,
7.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AEC0
RGB	183, 174, 192
RGB Percent	72%, 68%, 75%
CMY	0.2823, 0.3176, 0.2471
CMYK	0.05, 0.09, 0.00, 0.25
HSL	270°, 12%, 72%
HSV	270°, 9%, 75%
XYZ	44.1797, 44.1446, 56.0591
YIQ	178.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

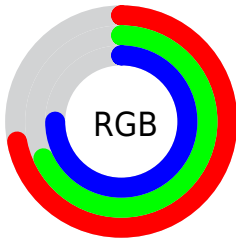
Format	Color
R _Y B	183, 174, 192
Decimal	12037824
CIE Lab	72.33, 6.60, -8.01
CIE LCh	72, 10.383, 309.497
Yxy	44.1446, 0.3060, 0.3057
Android (android.graphics.Color)	4290227904 (0xFFB7AEC0)
YUV	178.7430, 6.5357, 3.7334
Hunter-Lab	66.4414, 2.4200, -3.5163

Details

The YIQ color $178.7430, -0.4140, 7.5060$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $187.2570, 0.4140, -7.5060$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.1560, -0.1390, 8.0290$, and $126.3300, -0.6890, 6.9830$ is the 20% darker color. If you saturate the color by 10%, you get $164.6000, -1.1490, 15.3230$, and if you desaturate by 10%, it is $192.8860, 0.3210, -0.3110$.

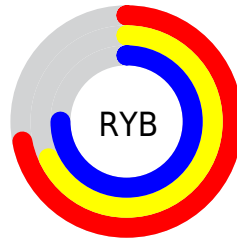
Distribution



Red (72%)

Green (68%)

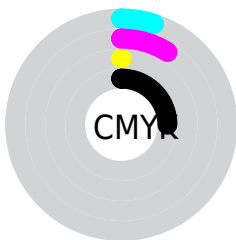
Blue (75%)



Red (72%)

Yellow (68%)

Blue (75%)

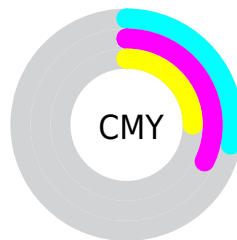


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (28%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7430, -0.4140, 7.5060 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 178.7430, -0.4140, 7.5060 by changing the saturation by 10% instead.

■ 178.7430, -0.4140,
7.5060

■ 178.7430, -0.4140,
7.5060

■ 255.0000, -0.0000,
-0.0000

■ 151.7430, -0.4140,
7.5060

■ 234.1560, -0.1390,
8.0290

■ 126.3300, -0.6890,
6.9830

■ 101.2160, -0.3680,
6.6720

■ 77.2160, -0.3680,
6.6720

■ 54.6890, -0.3220,
5.8380

■ 33.2760, -0.5970,
5.3150

■ 9.7540, 1.0530,

8.4530

0.0000, 0.0000,
0.0000

178.7430, -0.4140,
7.5060

178.7430, -0.4140,
7.5060

164.6000, -1.1490,
15.3230

192.8860, 0.3210,
-0.3110

150.7560, -1.2880,
23.3520

206.7300, 0.4600,
-8.3400

136.0260, -1.7480,
31.6920

221.4600, 0.9200,
-16.6800

122.1820, -1.8870,
39.7210

235.3040, 1.0590,
-24.7090

108.0390, -2.6220,
47.5380

240.6420, 5.9190,
-24.6810

■ 93.8960, -3.3570,
55.3550

■ 243.6320, 11.8790,
-22.5610

■ 80.0520, -3.4960,
63.3840

■ 246.3230, 17.2430,
-20.6530

■ 65.3220, -3.9560,
71.7240

■ 247.8180, 20.2230,
-19.5930

■ 51.4780, -4.0950,
79.7530

Harmonies

Analogous

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



177.3720, -9.6750, 4.6370



178.7430, -0.4140, 7.5060



179.6470, 8.6640, 8.1840

Triad

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



178.7430, -0.4140, 7.5060



178.0740, 14.3510, -1.2730



174.2860, -15.7250, -6.8690

Complementary

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



178.7430, -0.4140, 7.5060



187.2570, 0.4140, -7.5060

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.



174.3530, -8.6640, -8.1840



178.7430, -0.4140, 7.5060



177.0300, 8.4830, -5.0610

Square

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



178.7430, -0.4140, 7.5060



178.7910, 16.8260, 3.4340



175.9580, -0.1820, -7.7180



174.4260, -18.9350, -3.7590

Rectangle

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



178.7430, -0.4140, 7.5060



179.5720, 13.2490, 7.6890



175.9580, -0.1820, -7.7180



174.2430, -14.1660, -7.5900

Sweetspot

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



178.7430, -0.4140, 7.5060



244.1080, -0.1840, 3.3360



181.3350, -8.2530, 0.8910



121.1680, -0.4130, 1.9790



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



178.7430, -0.4140, 7.5060



229.3780, -0.6440, 11.6760



181.4340, 4.9500, 9.4140



89.6350, -0.2300, 4.1700



42.2740, -4.0010, 67.0310



8.8450, -0.4610, 13.8670

Inverse Universe

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



180.4080, 7.8390, 6.6150



231.9680, 12.1940, 10.2900



184.5660, -4.9500, -9.4140



90.5600, 4.3550, 3.6750



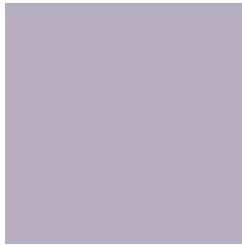
57.2590, 70.2760, 59.0120



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 178.7430, -0.4140, 7.5060 looks on a white background.

Color Contrast Check

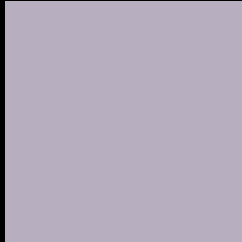
Large Text (above 18pt) WCAG AA × Fail

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 178.7430, -0.4140, 7.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

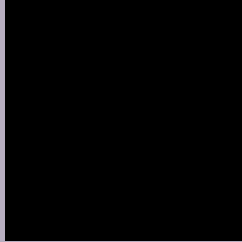
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7430, -0.4140, 7.5060

Background



This preview shows how black text looks on a background with the YIQ color 178.7430, -0.4140, 7.5060.



This preview shows how white text looks on a background with the YIQ color 178.7430, -0.4140,

7.5060.

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

178.7430, -0.4140, 7.5060

Protanopia

177.9380, -5.4570, 5.2870

Deuteranopia

179.0640, 3.1160, 9.6120



Tritanopia

178.5750, -0.0010, 5.5270

Trichromacy



Original Color

178.7430, -0.4140, 7.5060

Protanomaly

178.2480, -3.3940, 6.4460

Deuteranomaly

179.0530, 1.6490, 8.6650

Tritanomaly

178.6890, -0.3220, 5.8380

Monochromacy



Original Color

178.7430, -0.4140, 7.5060

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.6950, -0.4590, 2.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7430, -0.4140, 7.5060 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(183, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 192)  
}
```

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(183, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 192) }
```

Border

The CSS property to change the border of an element to YIQ 178.7430, -0.4140, 7.5060 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(183, 174, 192) }
```


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

```
.border{ border-color:rgb(183, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7430, -0.4140, 7.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 192) }
```

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

```
.background{ background-color: rgb(183,  
174, 192) }
```

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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