

Converting Colors

YIQ(178.3770, 9.1240, -0.1560)

Have a look what the booklet for
YIQ(178.3770, 9.1240, -0.1560)
contains.

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Color

**YIQ(178.3770, 9.1240,
-0.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB0A8
RGB	187, 176, 168
RGB Percent	73%, 69%, 66%
CMY	0.2666, 0.3098, 0.3411
CMYK	0.00, 0.06, 0.10, 0.27
HSL	25°, 12%, 70%
HSV	25°, 10%, 73%
XYZ	43.0882, 44.4419, 43.3582
YIQ	178.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

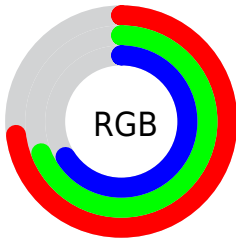
Format	Color
RYB	187, 182, 168
Decimal	12300456
CIELab	72.52, 2.53, 5.48
CIElCh	73, 6.042, 65.194
Yxy	44.4419, 0.3292, 0.3395
Android (android.graphics.Color)	4290490536 (0xFFBBB0A8)
YUV	178.3770, -5.1159, 7.5624
Hunter-Lab	66.6647, -1.2914, 8.1036

Details

The YIQ color **178.3770, 9.1240, -0.1560** is a light color, and the websafe version is hex **999999**. A complement of this color would be **176.6230, -9.1240, 0.1560**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.2630, 9.4450, -0.4670**, and **126.0780, 8.5280, -0.3680** is the 20% darker color. If you saturate the color by 10%, you get **169.7540, 18.2480, -0.3120**, and if you desaturate by 10%, it is **187.0000, -0.0000, -0.0000**.

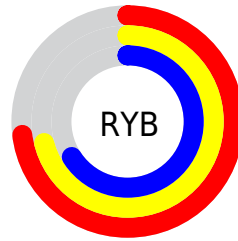
Distribution



Red (73%)

Green (69%)

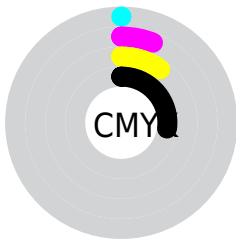
Blue (66%)



Red (73%)

Yellow (71%)

Blue (66%)

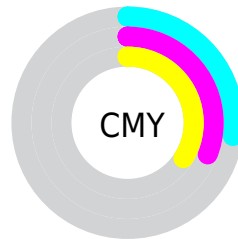


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.3770, 9.1240, -0.1560 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 178.3770, 9.1240, -0.1560 by changing the saturation by 10% instead.

■ 178.3770, 9.1240,
-0.1560

■ 178.3770, 9.1240,
-0.1560

■ 255.0000, -0.0000,
-0.0000

■ 151.4910, 8.8030,
0.1550

■ 234.2630, 9.4450,
-0.4670

■ 126.0780, 8.5280,
-0.3680

■ 254.6580, 0.9630,
-0.9330

■ 100.7790, 7.9320,
-0.5800

■ 76.8930, 7.6110,
-0.2690

■ 54.0070, 7.2900,
0.0420

■ 32.7080, 6.6940,
-0.1700

■ 9.7900, 9.3990,

0.3670

■ 0.0000, 0.0000,
0.0000

■ 178.3770, 9.1240,
-0.1560

■ 178.3770, 9.1240,
-0.1560

■ 169.7540, 18.2480,
-0.3120

■ 187.0000, -0.0000,
-0.0000

■ 161.2450, 27.0510,
-0.1570

■ 195.5090, -8.8030,
-0.1550

■ 152.6220, 36.1750,
-0.3130

■ 204.1320,
-17.9270, 0.0010

■ 144.5860, 45.0240,
-0.9920

■ 212.1680,
-26.7760, 0.6800

■ 136.0770, 53.8270,
-0.8370

■ 219.9930,
-33.6530, -1.3410

■ 127.4540, 62.9510,
-0.9930

■ 226.4500,
-36.6780, -7.0940

■ 118.8310, 72.0750,
-1.1490

■ 232.9070,
-39.7030, -12.8470

■ 110.2080, 81.1990,
-1.3050

■ 234.6680,
-40.5280, -14.4160

■ 102.2860, 89.7270,
-1.6730

Harmonies

Analogous

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



179.1430, 9.9030, 2.2470



178.3770, 9.1240, -0.1560



177.9420, 5.9150, -2.5730

Triad

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



178.3770, 9.1240, -0.1560



175.9880, -8.8940, -4.0140



178.4500, -1.1470, 4.2690

Complementary

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



178.3770, 9.1240, -0.1560



176.6230, -9.1240, 0.1560

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.



178.0580, -5.9150, 2.5730



178.3770, 9.1240, -0.1560



176.5580, -10.4990, -2.4590

Square

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



178.3770, 9.1240, -0.1560



176.5000, -4.5840, -5.0320



177.3240, -9.7200, -0.0560



179.2010, 3.9880, 4.8200

Rectangle

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



178.3770, 9.1240, -0.1560



177.1480, 2.3390, -3.8450



177.3240, -9.7200, -0.0560



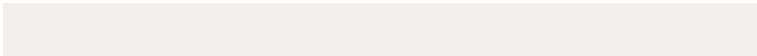
178.5530, -2.9350, 3.6330

Sweetspot

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



178.3770, 9.1240, -0.1560



238.8540, 3.3470, -0.0850



174.9350, 7.7930, 7.4490



120.3700, 1.8340, -0.1980



250.0000, 0.0000, 0.0000



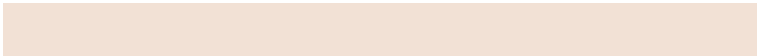
122.0000, 0.0000, -0.0000

Same Dimension

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



178.3770, 9.1240, -0.1560



228.7150, 13.9840, -0.1280



183.6600, 6.6490, -4.8630



90.0390, 4.2640, -0.1840



85.9840, 76.0180, -1.0220



16.9000, 14.9010, -0.2270

Inverse Universe

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



176.6230, -9.1240, 0.1560



226.2850, -13.9840, 0.1280



171.3400, -6.6490, 4.8630



88.9610, -4.2640, 0.1840



72.0160, -76.0180, 1.0220



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 178.3770, 9.1240, -0.1560 looks on a white background.

Color Contrast Check

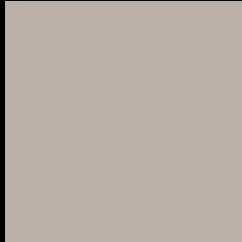
Large Text (above 18pt) WCAG AA × Fail

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 178.3770, 9.1240, -0.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

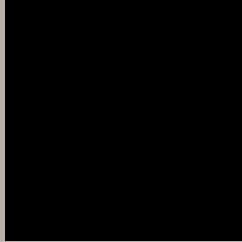
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.3770, 9.1240, -0.1560

Background



This preview shows how black text looks on a background with the YIQ color 178.3770, 9.1240, -0.1560.



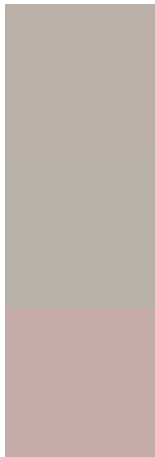
This preview shows how white text looks on a background with the YIQ color 178.3770, 9.1240,

-0.1560.

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

178.3770, 9.1240, -0.1560

Protanopia

177.8820, 6.1440, -1.2160

Deuteranopia

179.4320, 16.4590, 4.5790



Tritanopia

179.6790, 5.6380, 7.9580

Trichromacy



Original Color

178.3770, 9.1240, -0.1560

Protanomaly

178.1810, 6.7400, -1.0040

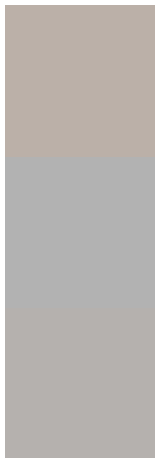
Deuteranomaly

178.8230, 13.8000, 3.2080

Tritanomaly

179.1690, 7.0140, 5.0460

Monochromacy



Original Color

178.3770, 9.1240, -0.1560

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3770, 9.1240, -0.1560 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(187, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 176, 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(187, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 176, 168) }
```

Border

The CSS property to change the border of an element to YIQ 178.3770, 9.1240, -0.1560 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(187, 176, 168) }
```


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

```
.border{ border-color:rgb(187, 176, 168) }
```

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

Here you see how a box with a 4 pixel rgb(187, 176, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 176,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3770, 9.1240, -0.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 176, 168) }
```

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

```
.background{ background-color: rgb(187,  
176, 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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