

Converting Colors

YIQ(187.3810, 3.3010, 0.7490)

Have a look what the booklet for
YIQ(187.3810, 3.3010, 0.7490)
contains.

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Color

**YIQ(187.3810, 3.3010,
0.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBAB9
RGB	191, 186, 185
RGB Percent	75%, 73%, 73%
CMY	0.2510, 0.2706, 0.2745
CMYK	0.00, 0.03, 0.03, 0.25
HSL	10°, 4%, 74%
HSV	10°, 3%, 75%
XYZ	47.8024, 49.6966, 52.9738
YIQ	187.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

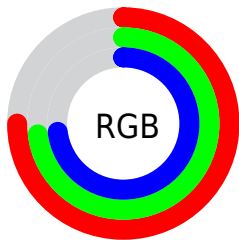
Format	Color
RYB	191, 186, 185
Decimal	12565177
CIELab	75.88, 1.58, 1.12
CIELCh	76, 1.935, 35.292
Yxy	49.6966, 0.3177, 0.3303
Android (android.graphics.Color)	4290755257 (0xFFBFBAB9)
YUV	187.3810, -1.1738, 3.1739
Hunter-Lab	70.4958, -2.3289, 4.7938

Details

The YIQ color **187.3810, 3.3010, 0.7490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188.6190, -3.3010, -0.7490**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.3810, 3.3010, 0.7490**, and **134.3810, 3.3010, 0.7490** is the 20% darker color. If you saturate the color by 10%, you get **175.8230, 13.8000, 3.2080**, and if you desaturate by 10%, it is **198.9390, -7.1980, -1.7100**.

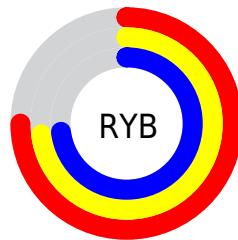
Distribution



Red (75%)

Green (73%)

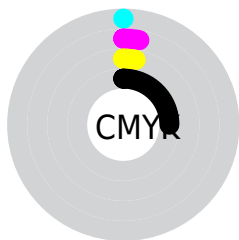
Blue (73%)



Red (75%)

Yellow (73%)

Blue (73%)

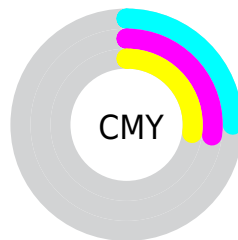


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3810, 3.3010, 0.7490 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 187.3810, 3.3010, 0.7490 by changing the saturation by 10% instead.

■ 187.3810, 3.3010,
0.7490

■ 187.3810, 3.3010,
0.7490

255.0000, -0.0000,
-0.0000

■ 160.3810, 3.3010,
0.7490

■ 243.3810, 3.3010,
0.7490

■ 134.3810, 3.3010,
0.7490

■ 109.0820, 2.7050,
0.5370

■ 84.4950, 2.9800,
1.0600

■ 61.4950, 2.9800,
1.0600

■ 40.0820, 2.7050,
0.5370

■ 19.0820, 2.7050,

0.5370

0.0000, 0.0000,
0.0000

187.3810, 3.3010,
0.7490

187.3810, 3.3010,
0.7490

175.8230, 13.8000,
3.2080

198.9390, -7.1980,
-1.7100

164.2650, 24.2990,
5.6670

210.4970,
-17.6970, -4.1690

152.7070, 34.7980,
8.1260

222.0550,
-28.1960, -6.6280

141.1490, 45.2970,
10.5850

232.9290,
-36.7690, -10.9530

129.5910, 55.7960,
13.0440

235.8640,
-38.1440, -13.5680

■ 117.9190, 66.6160,
15.1920

■ 106.9480, 76.8400,
17.1280

■ 95.3900, 87.3390,
19.5870

■ 83.8320, 97.8380,
22.0460

Harmonies

Analogous

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



187.6090, 2.6590, 1.3710



187.3810, 3.3010, 0.7490



186.9680, 3.0260, 0.2260

Triad

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



187.3810, 3.3010, 0.7490



186.4620, -1.4210, -1.7810



187.1570, -1.8800, 1.0320

Complementary

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



187.3810, 3.3010, 0.7490



188.6190, -3.3010, -0.7490

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.



187.0320, -3.0260, -0.2260



187.3810, 3.3010, 0.7490



186.3910, -2.6590, -1.3710

Square

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



187.3810, 3.3010, 0.7490



186.9460, 0.0920, -1.6680



186.6190, -3.3010, -0.7490



187.0540, -0.0920, 1.6680

Rectangle

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



187.3810, 3.3010, 0.7490



187.1420, 2.4760, -0.8200



186.6190, -3.3010, -0.7490



186.8580, -2.4760, 0.8200

Sweetspot

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



187.3810, 3.3010, 0.7490



245.5980, 1.1920, 0.4240



187.3640, 1.9710, 2.8270



124.2990, 0.5960, 0.2120



252.0000, 0.0000, 0.0000



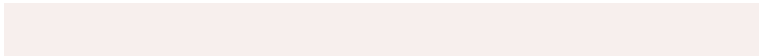
125.0000, 0.0000, 0.0000

Same Dimension

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



187.3810, 3.3010, 0.7490



241.1640, 5.4100, 1.0740



189.1420, 2.4760, -0.8200



91.1960, 2.3840, 0.8480



62.5040, 87.0180, 19.8980



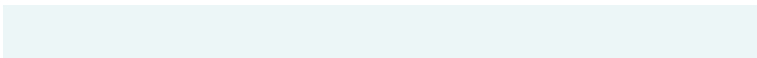
12.2040, 17.1010, 3.9570

Inverse Universe

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



188.6190, -3.3010, -0.7490



243.4230, -5.6850, -1.5970



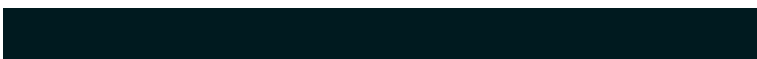
186.8580, -2.4760, 0.8200



92.8040, -2.3840, -0.8480



95.4960, -87.0180, -19.8980



18.7960, -17.1010, -3.9570

Previews

White Background



This preview shows how the YIQ color 187.3810, 3.3010, 0.7490 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 187.3810, 3.3010, 0.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

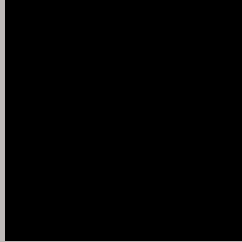
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

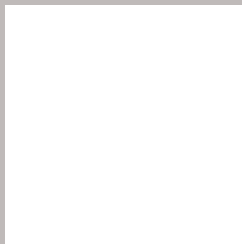
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.3810, 3.3010, 0.7490

Background



This preview shows how black text looks on a background with the YIQ color 187.3810, 3.3010, 0.7490.



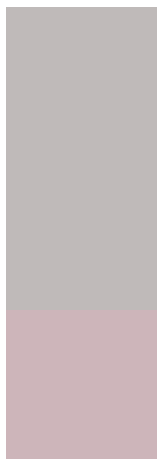
This preview shows how white text looks on a background with the YIQ color 187.3810, 3.3010,

0.7490.

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

187.3810, 3.3010, 0.7490

Protanopia

187.3810, 3.3010, 0.7490

Deuteranopia

188.7460, 12.6990, 6.6430



Tritanopia

188.2870, 0.8700, 6.2620

Trichromacy



Original Color

187.3810, 3.3010, 0.7490

Protanomaly

187.3810, 3.3010, 0.7490

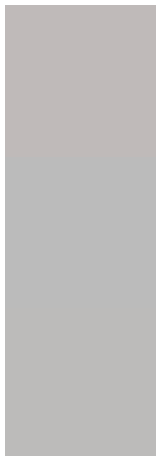
Deuteranomaly

188.4250, 9.1690, 4.5370

Tritanomaly

188.0050, 1.6040, 3.9720

Monochromacy



Original Color

187.3810, 3.3010, 0.7490

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3810, 3.3010, 0.7490 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(191, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 185)  
}
```

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(191, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 185) }
```

Border

The CSS property to change the border of an element to YIQ 187.3810, 3.3010, 0.7490 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(191, 186, 185) }
```


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

```
.border{ border-color:rgb(191, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3810, 3.3010, 0.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 185) }
```

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

```
.background{ background-color: rgb(191,  
186, 185) }
```

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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