

Converting Colors

YIQ(188.8750, -1.1460, -1.2580)

Have a look what the booklet for
YIQ(188.8750, -1.1460, -1.2580)
contains.

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Color

**YIQ(188.8750, -1.1460,
-1.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBEBC
RGB	187, 190, 188
RGB Percent	73%, 75%, 74%
CMY	0.2667, 0.2549, 0.2627
CMYK	0.02, 0.00, 0.01, 0.25
HSL	140°, 2%, 74%
HSV	140°, 2%, 75%
XYZ	47.9837, 51.0228, 54.8959
YIQ	188.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

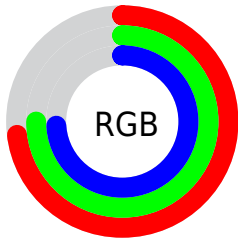
Format	Color
RYB	187, 189, 190
Decimal	12304060
CIELab	76.69, -1.41, 0.63
CIELCh	77, 1.547, 155.778
Yxy	51.0228, 0.3118, 0.3315
Android (android.graphics.Color)	4290494140 (0xFFBBBEBC)
YUV	188.8750, -0.4314, -1.6444
Hunter-Lab	71.4302, -5.0943, 4.4353

Details

The YIQ color **188.8750, -1.1460, -1.2580** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188.1250, 1.1460, 1.2580**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.8750, -1.1460, -1.2580**, and **135.8750, -1.1460, -1.2580** is the 20% darker color. If you saturate the color by 10%, you get **181.7120, -8.2970, -9.3290**, and if you desaturate by 10%, it is **196.0380, 6.0050, 6.8130**.

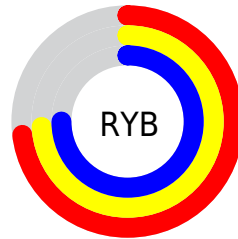
Distribution



Red (73%)

Green (75%)

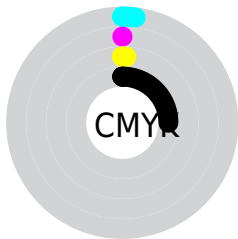
Blue (74%)



Red (73%)

Yellow (74%)

Blue (75%)

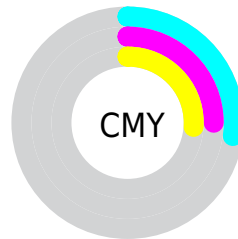


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8750, -1.1460, -1.2580 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 188.8750, -1.1460, -1.2580 by changing the saturation by 10% instead.

■ 188.8750, -1.1460,
-1.2580

■ 188.8750, -1.1460,
-1.2580

■ 255.0000, -0.0000,
-0.0000

■ 161.8750, -1.1460,
-1.2580

■ 244.8750, -1.1460,
-1.2580

■ 135.8750, -1.1460,
-1.2580

■ 110.2880, -0.8710,
-0.7350

■ 85.8750, -1.1460,
-1.2580

■ 62.8750, -1.1460,
-1.2580

■ 40.8750, -1.1460,
-1.2580

■ 20.2880, -0.8710,

-0.7350

■ 0.0000, 0.0000,
0.0000

■ 188.8750, -1.1460,
-1.2580

■ 188.8750, -1.1460,
-1.2580

■ 181.7120, -8.2970,
-9.3290

■ 196.0380, 6.0050,
6.8130

■ 174.6630,
-15.7690, -17.0890

■ 203.0870, 13.4770,
14.5730

■ 167.5000,
-22.9200, -25.1600

■ 210.2500, 20.6280,
22.6440

■ 160.3370,
-30.0710, -33.2310

■ 215.0210, 23.0110,
29.0190

■ 153.2880,
-37.5430, -40.9910

■ 216.3890, 19.1590,
32.7510

■ 146.1250,
-44.6940, -49.0620

■ 216.8450, 17.8750,
33.9950

■ 138.9620,
-51.8450, -57.1330

■ 131.9130,
-59.3170, -64.8930

■ 124.7500,
-66.4680, -72.9640

Harmonies

Analogous

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



189.3590, 0.3670, -1.1450



188.8750, -1.1460, -1.2580



188.6900, -2.0630, -1.1590

Triad

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



188.8750, -1.1460, -1.2580



189.0430, -1.5590, 0.7210



189.1960, 2.3840, 0.8480

Complementary

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



188.8750, -1.1460, -1.2580



188.1250, 1.1460, 1.2580

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.



189.3100, 2.0630, 1.1590



188.8750, -1.1460, -1.2580



189.6410, -0.3670, 1.1450

Square

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



188.8750, -1.1460, -1.2580



189.3310, -2.4300, -0.0140



189.1250, 1.1460, 1.2580



189.6690, 2.4300, 0.0140

Rectangle

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



188.8750, -1.1460, -1.2580



188.8040, -2.3840, -0.8480



189.1250, 1.1460, 1.2580



189.4950, 2.9800, 1.0600

Sweetspot

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



188.8750, -1.1460, -1.2580



247.0000, -0.0000, -0.0000



189.3590, 0.3670, -1.1450



125.0000, 0.0000, 0.0000



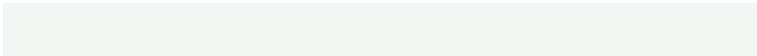
252.0000, 0.0000, 0.0000

Same Dimension

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



188.8750, -1.1460, -1.2580



245.1630, -2.0170, -1.9930



188.9890, -1.4670, -0.9470



93.2880, -0.8710, -0.7350



98.7880, -60.4630, -66.1510



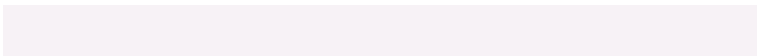
19.3370, -11.7350, -13.1030

Inverse Universe

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



188.1250, 1.1460, 1.2580



243.9510, 1.6960, 2.3040



188.0110, 1.4670, 0.9470



92.8260, 0.5500, 1.0460



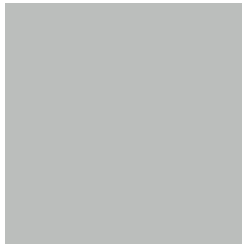
59.2120, 60.4630, 66.1510



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 188.8750, -1.1460, -1.2580 looks on a white background.

Color Contrast Check

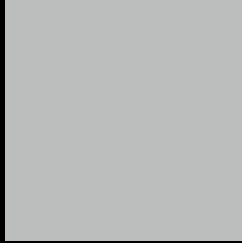
Large Text (above 18pt) WCAG AA × Fail

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 188.8750, -1.1460, -1.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

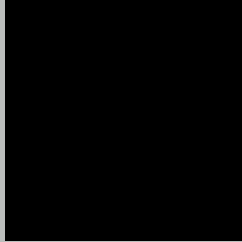
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

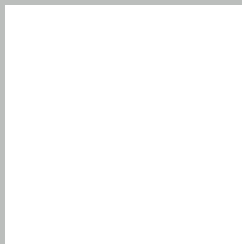
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.8750, -1.1460, -1.2580

Background



This preview shows how black text looks on a background with the YIQ color 188.8750, -1.1460, -1.2580.



This preview shows how white text looks on a background with the YIQ color 188.8750, -1.1460, -1.2580.

-1.2580.

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

188.8750, -1.1460, -1.2580

Protanopia

189.3810, 3.3010, 0.7490

Deuteranopia

190.8600, 12.3780, 6.9540



Tritanopia

190.0090, -4.2190, 4.8770

Trichromacy



Original Color

188.8750, -1.1460, -1.2580

Protanomaly

189.3700, 1.8340, -0.1980

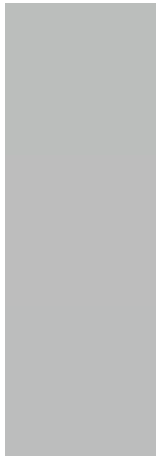
Deuteranomaly

190.5280, 7.3810, 3.9010

Tritanomaly

189.7270, -3.4850, 2.5870

Monochromacy



Original Color

188.8750, -1.1460, -1.2580

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7010, -0.5960, -0.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8750, -1.1460, -1.2580 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, 190, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 190, 188)  
}
```

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, 190, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 190, 188) }
```

Border

The CSS property to change the border of an element to YIQ 188.8750, -1.1460, -1.2580 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, 190, 188) }
```

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

```
.border{ border-color:rgb(187, 190, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 190, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 190, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 190, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 190,  
188) }
```


Background

The CSS property to change the background color of an element to YIQ 188.8750, -1.1460, -1.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 190, 188) }
```

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

```
.background{ background-color: rgb(187,  
190, 188) }
```

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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