

Converting Colors

YIQ(188.3330, 3.2560, -3.9440)

Have a look what the booklet for
YIQ(188.3330, 3.2560, -3.9440)
contains.

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Color

**YIQ(188.3330, 3.2560,
-3.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBEB2
RGB	189, 190, 178
RGB Percent	74%, 75%, 70%
CMY	0.2588, 0.2549, 0.3019
CMYK	0.01, 0.00, 0.06, 0.25
HSL	65°, 8%, 72%
HSV	65°, 6%, 75%
XYZ	47.4356, 50.8602, 49.4393
YIQ	188.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

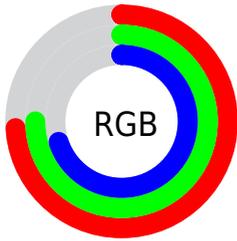
Format	Color
RYB	178, 190, 179
Decimal	12435122
CIELab	76.59, -2.51, 5.92
CIElCh	77, 6.433, 112.942
Yxy	50.8602, 0.3211, 0.3443
Android (android.graphics.Color)	4290625202 (0xFFBDBEB2)
YUV	188.3330, -5.0942, 0.5850
Hunter-Lab	71.3163, -6.0753, 8.8192

Details

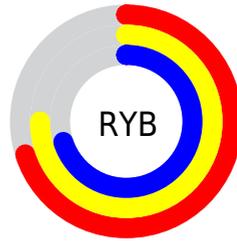
The YIQ color **188.3330, 3.2560, -3.9440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179.6670, -3.2560, 3.9440**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.3330, 3.2560, -3.9440**, and **135.3330, 3.2560, -3.9440** is the 20% darker color. If you saturate the color by 10%, you get **185.5690, 8.1630, -10.2770**, and if you desaturate by 10%, it is **191.0970, -1.6510, 2.3890**.

Distribution



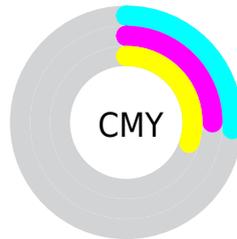
- Red (74%)
- Green (75%)
- Blue (70%)



- Red (70%)
- Yellow (75%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.3330, 3.2560, -3.9440 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 188.3330, 3.2560, -3.9440 by changing the saturation by 10% instead.

■ 188.3330, 3.2560,
-3.9440

■ 188.3330, 3.2560,
-3.9440

255.0000, -0.0000,
-0.0000

■ 161.3330, 3.2560,
-3.9440

■ 244.3330, 3.2560,
-3.9440

■ 135.3330, 3.2560,
-3.9440

■ 109.4470, 2.9350,
-3.6330

■ 85.5610, 2.6140,
-3.3220

■ 62.5610, 2.6140,
-3.3220

■ 40.6750, 2.2930,
-3.0110

■ 19.7460, 3.5310,

-3.4210

■ 0.0000, 0.0000,
0.0000

■ 188.3330, 3.2560,
-3.9440

■ 188.3330, 3.2560,
-3.9440

■ 185.5690, 8.1630,
-10.2770

■ 191.0970, -1.6510,
2.3890

■ 183.1040, 13.6660,
-16.3980

■ 193.5620, -7.1540,
8.5100

■ 180.3400, 18.5730,
-22.7310

■ 196.3260,
-12.0610, 14.8430

■ 177.8750, 24.0760,
-28.8520

■ 198.7910,
-17.5640, 20.9640

■ 175.1110, 28.9830,
-35.1850

■ 199.5030,
-16.6930, 21.6990

■ 172.3470, 33.8900,
-41.5180

■ 200.1010,
-15.5010, 22.1230

■ 169.8820, 39.3930,
-47.6390

■ 200.4000,
-14.9050, 22.3350

■ 167.1180, 44.3000,
-53.9720

■ 200.9980,
-13.7130, 22.7590

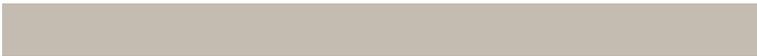
■ 164.6530, 49.8030,
-60.0930

■ 201.2970,
-13.1170, 22.9710

Harmonies

Analogous

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



189.1380, 8.2990, -1.7250



188.3330, 3.2560, -3.9440



187.8700, -2.7500, -5.2300

Triad

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



188.3330, 3.2560, -3.9440



187.9000, -11.4620, -1.5260



190.4680, 7.6100, 5.2580

Complementary

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



188.3330, 3.2560, -3.9440



179.6670, -3.2560, 3.9440

Split Complementary

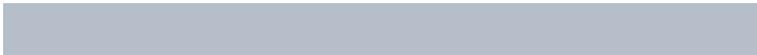
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



190.1300, 2.7500, 5.2300



188.3330, 3.2560, -3.9440



188.5630, -8.8950, 1.5130

Square

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



188.3330, 3.2560, -3.9440



187.6180, -10.7280, -3.8160



189.6670, -3.2560, 3.9440



190.0830, 10.1320, 3.6040

Rectangle

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



188.3330, 3.2560, -3.9440



187.0160, -6.0970, -5.1450



189.6670, -3.2560, 3.9440



190.0980, 5.7760, 5.4560

Sweetspot

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



188.3330, 3.2560, -3.9440



246.4300, 1.6050, -1.5550



182.1750, 6.8770, 2.0210



124.6580, 0.9630, -0.9330



252.0000, 0.0000, 0.0000



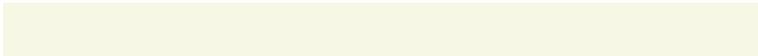
125.0000, 0.0000, 0.0000

Same Dimension

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



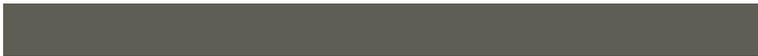
188.3330, 3.2560, -3.9440



244.5350, 5.5030, -6.1210



186.5390, -0.3200, -5.2160



92.9740, 2.8890, -2.7990



136.1010, 42.9700, -51.8940



26.5690, 8.1630, -10.2770

Inverse Universe

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



179.6670, -3.2560, 3.9440



230.4650, -5.5030, 6.1210



181.4610, 0.3200, 5.2160



86.3250, -2.2930, 3.0110



21.8990, -42.9700, 51.8940



4.4310, -8.1630, 10.2770

Previews

White Background



This preview shows how the YIQ color 188.3330, 3.2560, -3.9440 looks on a white background.

Color Contrast Check

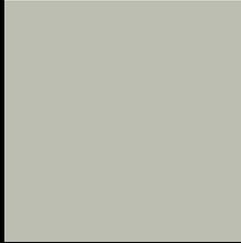
Large Text (above 18pt) WCAG AA × Fail

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 188.3330, 3.2560, -3.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

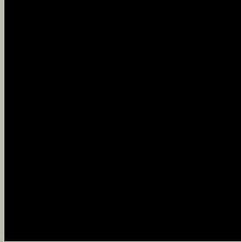
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

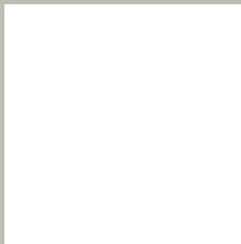
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.3330, 3.2560, -3.9440

Background



This preview shows how black text looks on a background with the YIQ color 188.3330, 3.2560, -3.9440.



This preview shows how white text looks on a background with the YIQ color 188.3330, 3.2560,

-3.9440.

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

188.3330, 3.2560, -3.9440

Protanopia

188.8390, 7.7030, -1.9370

Deuteranopia

190.4430, 17.9260, 5.5260



Tritanopia

190.0910, -1.5140, 5.4140

Trichromacy



Original Color

188.3330, 3.2560, -3.9440

Protanomaly

188.8280, 6.2360, -2.8840

Deuteranomaly

189.6980, 12.6540, 1.9500

Tritanomaly

189.4670, 0.1830, 2.1910

Monochromacy



Original Color

188.3330, 3.2560, -3.9440

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3330, 3.2560, -3.9440 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(189, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(189, 190, 178)  
}
```

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(189, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 190, 178) }
```

Border

The CSS property to change the border of an element to YIQ 188.3330, 3.2560, -3.9440 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(189, 190, 178) }
```

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

```
.border{ border-color:rgb(189, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(189, 190,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3330, 3.2560, -3.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 190, 178) }
```

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

```
.background{ background-color: rgb(189,  
190, 178) }
```

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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