

Converting Colors

YIQ(188.5960, 12.7010, -4.4110)

Have a look what the booklet for
YIQ(188.5960, 12.7010, -4.4110)
contains.

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Color

**YIQ(188.5960, 12.7010,
-4.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BCA7
RGB	198, 188, 167
RGB Percent	78%, 74%, 65%
CMY	0.2235, 0.2627, 0.3450
CMYK	0.00, 0.05, 0.16, 0.22
HSL	41°, 21%, 72%
HSV	41°, 16%, 78%
XYZ	48.2484, 50.7614, 43.8224
YIQ	188.5960, 12.7010, -4.4110

Conversions

Conversions Part 2

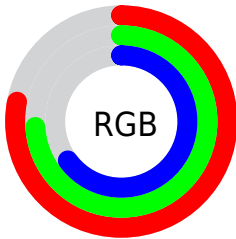
Format	Color
RYB	182, 198, 167
Decimal	13024423
CIELab	76.53, 0.00, 11.88
CIELCh	77, 11.878, 89.985
Yxy	50.7614, 0.3378, 0.3554
Android (android.graphics.Color)	4291214503 (0xFFC6BCA7)
YUV	188.5960, -10.6468, 8.2473
Hunter-Lab	71.2470, -3.8025, 13.4050

Details

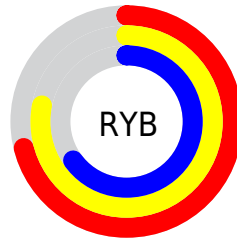
The YIQ color **188.5960, 12.7010, -4.4110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176.4040, -12.7010, 4.4110**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.7810, 13.6180, -4.5100**, and **135.4110, 11.7840, -4.3120** is the 20% darker color. If you saturate the color by 10%, you get **182.7940, 20.7710, -7.4930**, and if you desaturate by 10%, it is **194.3980, 4.6310, -1.3290**.

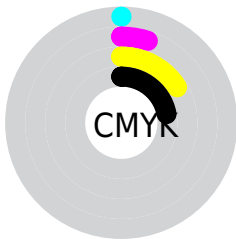
Distribution



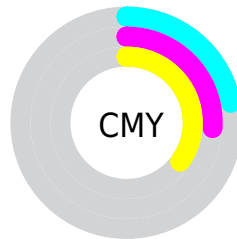
- Red (78%)
- Green (74%)
- Blue (65%)



- Red (71%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.5960, 12.7010, -4.4110 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 188.5960, 12.7010, -4.4110 by changing the saturation by 10% instead.


 188.5960, 12.7010,
-4.4110


 188.5960, 12.7010,
-4.4110


255.0000, -0.0000,
-0.0000


 161.7100, 12.3800,
-4.1000


 244.7810, 13.6180,
-4.5100


 135.4110, 11.7840,
-4.3120

 254.5440, 1.2840,
-1.2440

 110.1120, 11.1880,
-4.5240

 85.3400, 10.5460,
-3.9020

 62.1550, 9.6290,
-3.8030

 40.2690, 9.3080,
-3.4920

 19.8130, 10.5920,

-4.7360

■ 0.0000, 0.0000,
0.0000

■ 188.5960, 12.7010,
-4.4110

■ 188.5960, 12.7010,
-4.4110

■ 182.7940, 20.7710,
-7.4930

■ 194.3980, 4.6310,
-1.3290

■ 176.4050, 29.1160,
-10.0520

■ 200.7870, -3.7140,
1.2300

■ 170.7170, 36.8650,
-12.8230

■ 206.4750,
-11.4630, 4.0010

■ 164.3280, 45.2100,
-15.3820

■ 212.8640,
-19.8080, 6.5600

■ 158.5260, 53.2800,
-18.4640

■ 217.4120,
-24.3470, 6.2210

■ 152.7240, 61.3500,
-21.5460

■ 220.9340,
-25.9970, 3.0830

■ 146.3350, 69.6950,
-24.1050

■ 225.0430,
-27.9220, -0.5780

■ 140.6470, 77.4440,
-26.8760

■ 228.5650,
-29.5720, -3.7160

■ 137.8600, 81.1580,
-28.1060

■ 232.6740,
-31.4970, -7.3770

Harmonies

Analogous

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



190.1670, 18.5230, 0.2110



188.5960, 12.7010, -4.4110



187.6980, 3.4860, -8.1140

Triad

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



188.5960, 12.7010, -4.4110



185.2900, -21.5480, -5.9640



190.9180, 6.4630, 9.5270

Complementary

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



188.5960, 12.7010, -4.4110



176.4040, -12.7010, 4.4110

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.



190.0030, -4.0820, 7.9020



188.5960, 12.7010, -4.4110



186.5230, -20.5860, -1.3700

Square

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



188.5960, 12.7010, -4.4110



184.9330, -16.2290, -8.7490



188.5070, -14.4890, 3.7750



190.8820, 15.3120, 8.8480

Rectangle

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



188.5960, 12.7010, -4.4110



186.0500, -3.4370, -9.3010



188.5070, -14.4890, 3.7750



190.9500, 3.4370, 9.3010

Sweetspot

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



188.5960, 12.7010, -4.4110



251.1700, 5.2730, -1.9510



177.4090, 15.2660, 9.6820



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



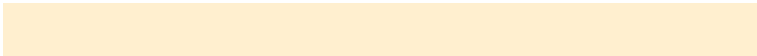
128.0000, -0.0000, -0.0000

Same Dimension

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



188.5960, 12.7010, -4.4110



240.1360, 19.8080, -6.5600



192.9710, 6.9710, -10.7010



96.2130, 3.7140, -1.2300



113.8940, 66.6230, -23.4970



24.8520, 14.8560, -4.9200

Inverse Universe

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



176.4040, -12.7010, 4.4110



221.2770, -19.5330, 7.0830



172.0290, -6.9710, 10.7010



92.7870, -3.7140, 1.2300



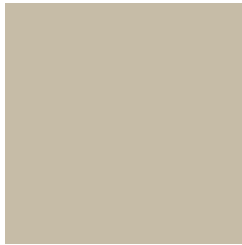
49.6930, -66.8980, 22.9740



11.1480, -14.8560, 4.9200

Previews

White Background



This preview shows how the YIQ color 188.5960, 12.7010, -4.4110 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 188.5960, 12.7010, -4.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

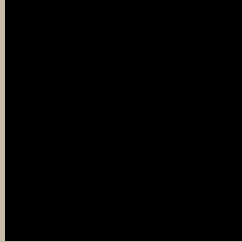
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5960, 12.7010, -4.4110

Background



This preview shows how black text looks on a background with the YIQ color 188.5960, 12.7010, -4.4110.



This preview shows how white text looks on a background with the YIQ color 188.5960, 12.7010, -4.4110.

-4.4110.

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

188.5960, 12.7010, -4.4110

Protanopia

188.2970, 12.1050, -4.6230

Deuteranopia

190.2710, 24.1620, 2.6420



Tritanopia

190.9780, 6.2340, 8.1700

Trichromacy



Original Color

188.5960, 12.7010, -4.4110

Protanomaly

188.2970, 12.1050, -4.6230

Deuteranomaly

189.6510, 20.0360, 0.3240

Tritanomaly

190.0120, 8.8940, 4.0140

Monochromacy



Original Color

188.5960, 12.7010, -4.4110

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5960, 12.7010, -4.4110 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(198, 188, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 167)  
}
```

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(198, 188, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 167) }
```

Border

The CSS property to change the border of an element to YIQ 188.5960, 12.7010, -4.4110 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(198, 188, 167) }
```


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

```
.border{ border-color:rgb(198, 188, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5960, 12.7010, -4.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 167) }
```

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

```
.background{ background-color: rgb(198,  
188, 167) }
```

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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