

Converting Colors

YIQ(168.3270, 29.7560, 0.3800)

Have a look what the booklet for
YIQ(168.3270, 29.7560, 0.3800)
contains.

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Color

**YIQ(168.3270, 29.7560,
0.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A088
RGB	197, 160, 136
RGB Percent	77%, 63%, 53%
CMY	0.2274, 0.3726, 0.4665
CMYK	0.00, 0.19, 0.31, 0.23
HSL	24°, 34%, 65%
HSV	24°, 31%, 77%
XYZ	40.0454, 38.7876, 28.6817
YIQ	168.3270, 29.7560, 0.3800

Conversions

Conversions Part 2

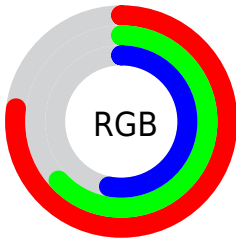
Format	Color
RYB	197, 176, 136
Decimal	12951688
CIELab	68.60, 10.19, 17.65
CIELCh	69, 20.382, 59.993
Yxy	38.7876, 0.3725, 0.3608
Android (android.graphics.Color)	4291141768 (0xFFC5A088)
YUV	168.3270, -15.9372, 25.1462
Hunter-Lab	62.2797, 5.7846, 16.2909

Details

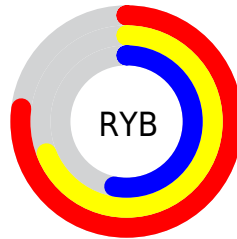
The YIQ color $168.3270, 29.7560, 0.3800$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $164.6730, -29.7560, -0.3800$, and the grayscale version is $168.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.6970, 31.5900, 0.1820$, and $116.2450, 27.0510, -0.1570$ is the 20% darker color. If you saturate the color by 10%, you get $159.0030, 39.4760, 0.4360$, and if you desaturate by 10%, it is $177.6510, 20.0360, 0.3240$.

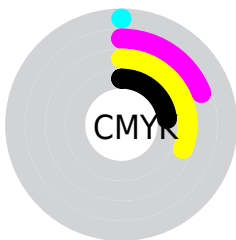
Distribution



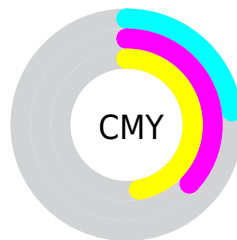
- Red (77%)
- Green (63%)
- Blue (53%)



- Red (77%)
- Yellow (69%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.3270, 29.7560, 0.3800 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 168.3270, 29.7560, 0.3800 by changing the saturation by 10% instead.


 168.3270, 29.7560,
0.3800


 168.3270, 29.7560,
0.3800


255.0000, -0.0000,
-0.0000

 141.8430, 28.2430,
0.2670


 223.9960, 32.1860,
0.3940


 115.6580, 27.3260,
0.3660


 243.6240, 15.4980,
-5.5420

 91.1740, 25.8130,
0.2530

 253.9740, 2.8890,
-2.7990

 67.3910, 23.7040,
-0.0720

 44.9070, 22.1910,
-0.1850

 24.0100, 20.4030,
-0.8210

 3.2890, 6.5560,

2.3320

■ 0.0000, 0.0000,
0.0000

■ 168.3270, 29.7560,
0.3800

■ 168.3270, 29.7560,
0.3800

■ 159.0030, 39.4760,
0.4360

■ 177.6510, 20.0360,
0.3240

■ 149.7930, 48.8750,
0.8030

■ 186.8610, 10.6370,
-0.0430

■ 140.4690, 58.5950,
0.8590

■ 196.1850, 0.9170,
-0.0990

■ 131.1450, 68.3150,
0.9150

■ 205.5090, -8.8030,
-0.1550

■ 121.9350, 77.7140,
1.2820

■ 214.8330,
-18.5230, -0.2110

■ 112.6110, 87.4340,
1.3380

■ 224.0430,
-27.9220, -0.5780

■ 104.1020, 96.2370,
1.4930

■ 231.2010,
-31.5430, -6.5430

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



169.3800, 31.4050, 9.0450



168.3270, 29.7560, 0.3800



166.4950, 20.1750, -7.7050

Triad

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



168.3270, 29.7560, 0.3800



160.3010, -29.2490, -15.0810



169.4960, -6.7880, 12.8920

Complementary

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



168.3270, 29.7560, 0.3800



164.6730, -29.7560, -0.3800

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.



166.1130, -24.9430, 6.0090



168.3270, 29.7560, 0.3800



159.6730, -38.9240, -10.4440

Square

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



168.3270, 29.7560, 0.3800



162.0440, -12.4680, -16.3400



162.1990, -37.2290, -2.6130



170.4720, 10.9550, 16.2270

Rectangle

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



168.3270, 29.7560, 0.3800



165.1840, 10.6850, -11.9310



162.1990, -37.2290, -2.6130



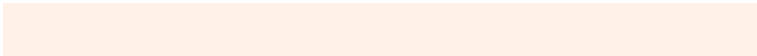
168.3210, -13.6650, 10.8710

Sweetspot

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



168.3270, 29.7560, 0.3800



244.1600, 11.2330, 0.1690



158.5710, 24.1580, 24.7500



121.0070, 7.2900, 0.0420



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.



168.3270, 29.7560, 0.3800



210.8250, 45.8490, 0.5770



185.9370, 21.5060, -15.3100



94.4520, 4.5390, 0.3390



86.3050, 79.5480, 1.0840



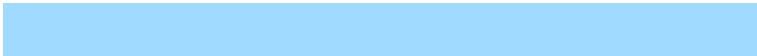
18.9820, 17.6060, 0.3100

Inverse Universe

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



164.6730, -29.7560, -0.3800



205.1750, -45.8490, -0.5770



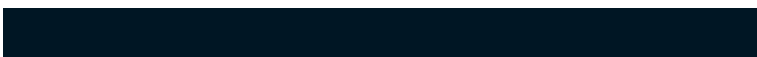
147.0630, -21.5060, 15.3100



94.5480, -4.5390, -0.3390



76.6950, -79.5480, -1.0840



17.0180, -17.6060, -0.3100

Previews

White Background



This preview shows how the YIQ color 168.3270, 29.7560, 0.3800 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 168.3270, 29.7560, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

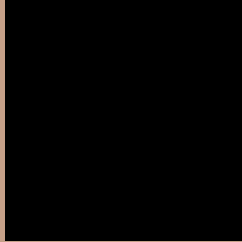
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3270, 29.7560, 0.3800

Background



This preview shows how black text looks on a background with the YIQ color 168.3270, 29.7560, 0.3800.



This preview shows how white text looks on a background with the YIQ color 168.3270, 29.7560,

0.3800.

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

168.3270, 29.7560, 0.3800

Protanopia

166.7980, 14.9480, -6.5880

Deuteranopia

168.3160, 28.2890, -0.5670



Tritanopia

170.5240, 22.3720, 13.0600

Trichromacy



Original Color

168.3270, 29.7560, 0.3800

Protanomaly

167.0160, 20.2660, -3.8460

Deuteranomaly

168.6150, 28.8850, -0.3550

Tritanomaly

169.4440, 25.3530, 8.5930

Monochromacy



Original Color

168.3270, 29.7560, 0.3800

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1600, 11.2330, 0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3270, 29.7560, 0.3800 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(197, 160, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 136)  
}
```

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(197, 160, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 136) }
```

Border

The CSS property to change the border of an element to YIQ 168.3270, 29.7560, 0.3800 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(197, 160, 136) }
```


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

```
.border{ border-color:rgb(197, 160, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3270, 29.7560, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 136) }
```

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

```
.background{ background-color: rgb(197,  
160, 136) }
```

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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