

Converting Colors

YIQ(168.2940, 25.3550, -2.4610)

Have a look what the booklet for
YIQ(168.2940, 25.3550, -2.4610)
contains.

YIQ(168.2940, 25.3550, -2.4610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(168.2940, 25.3550,
-2.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA388
RGB	191, 163, 136
RGB Percent	75%, 64%, 53%
CMY	0.2509, 0.3608, 0.4665
CMYK	0.00, 0.15, 0.29, 0.25
HSL	29°, 30%, 64%
HSV	29°, 29%, 75%
XYZ	39.0303, 39.0466, 28.7837
YIQ	168.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

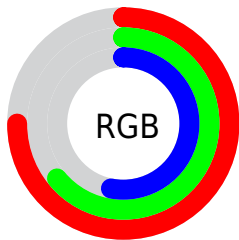
Format	Color
RYB	191, 189, 136
Decimal	12559240
CIELab	68.79, 6.19, 17.82
CIELCh	69, 18.866, 70.850
Yxy	39.0466, 0.3652, 0.3654
Android (android.graphics.Color)	4290749320 (0xFFBFA388)
YUV	168.2940, -15.9209, 19.9132
Hunter-Lab	62.4873, 2.1403, 16.4302

Details

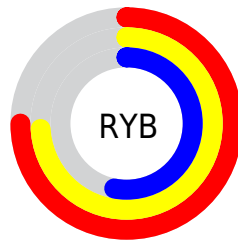
The YIQ color $168.2940, 25.3550, -2.4610$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $158.7060, -25.3550, 2.4610$, and the grayscale version is $168.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.6640, 27.1890, -2.6590$, and $115.9240, 23.5210, -2.2630$ is the 20% darker color. If you saturate the color by 10%, you get $160.2580, 34.2040, -3.1400$, and if you desaturate by 10%, it is $176.3300, 16.5060, -1.7820$.

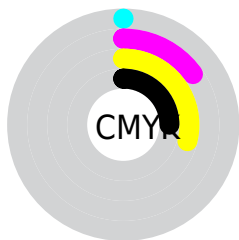
Distribution



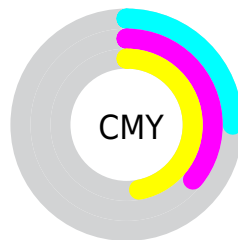
- Red (75%)
- Green (64%)
- Blue (53%)



- Red (75%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (25%)





- Cyan (25%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.2940, 25.3550, -2.4610 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 168.2940, 25.3550, -2.4610 by changing the saturation by 10% instead.


 168.2940, 25.3550,
-2.4610


 168.2940, 25.3550,
-2.4610


255.0000, -0.0000,
-0.0000


 142.1090, 24.4380,
-2.3620


 223.6640, 27.1890,
-2.6590


 115.9240, 23.5210,
-2.2630


 245.3850, 14.6730,
-7.1110

 91.4400, 22.0080,
-2.3760

 253.9740, 2.8890,
-2.7990

 67.9560, 20.4950,
-2.4890

 45.1730, 18.3860,
-2.8140

 23.9880, 17.4690,
-2.7150

 0.5980, 1.1920,

0.4240

0.0000, 0.0000,
0.0000

168.2940, 25.3550,
-2.4610

168.2940, 25.3550,
-2.4610

160.2580, 34.2040,
-3.1400

176.3300, 16.5060,
-1.7820

152.8090, 42.7780,
-4.3420

183.7790, 7.9320,
-0.5800

144.7730, 51.6270,
-5.0210

191.8150, -0.9170,
0.0990

136.7370, 60.4760,
-5.7000

199.8510, -9.7660,
0.7780

128.7010, 69.3250,
-6.3790

208.0010,
-18.9360, 1.7680

■ 121.1380, 78.2200,
-7.8920

■ 215.4500,
-27.5100, 2.9700

■ 113.1020, 87.0690,
-8.5710

■ 221.7760,
-31.5440, -1.0160

■ 112.2870, 87.9860,
-8.6700

■ 227.6460,
-34.2940, -6.2460

■ 233.5160,
-37.0440, -11.4760

Harmonies

Analogous

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



169.4890, 29.4800, 5.3840



168.2940, 25.3550, -2.4610



166.8040, 14.8110, -9.6130

Triad

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



168.2940, 25.3550, -2.4610



161.3980, -30.9000, -12.6920



170.1440, 0.1350, 14.0790

Complementary

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



168.2940, 25.3550, -2.4610



158.7060, -25.3550, 2.4610

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.



167.5870, -17.4700, 8.2420



168.2940, 25.3550, -2.4610



161.6350, -35.7610, -7.1930

Square

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



168.2940, 25.3550, -2.4610



162.6460, -17.0990, -15.0110



164.7160, -31.3150, 0.3410



170.8700, 15.5860, 14.8980

Rectangle

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



168.2940, 25.3550, -2.4610



165.1340, 4.9540, -12.6940



164.7160, -31.3150, 0.3410



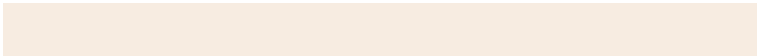
169.5670, -5.5500, 12.4820

Sweetspot

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



168.2940, 25.3550, -2.4610



238.0350, 10.0870, -1.0890



155.6370, 23.7920, 20.3680



119.2950, 6.4190, -0.6930



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.



168.2940, 25.3550, -2.4610



211.3680, 39.7060, -3.7340



184.1430, 17.9300, -16.5820



90.6260, 3.9890, -0.7070



93.0280, 72.7180, -7.2980



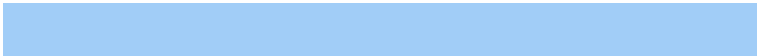
18.0740, 14.3510, -1.2730

Inverse Universe

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



158.7060, -25.3550, 2.4610



196.6320, -39.7060, 3.7340



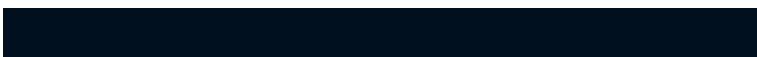
142.8570, -17.9300, 16.5820



88.9610, -4.2640, 0.1840



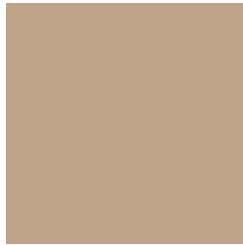
65.5590, -72.9930, 6.7750



12.9260, -14.3510, 1.2730

Previews

White Background



This preview shows how the YIQ color 168.2940, 25.3550, -2.4610 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 168.2940, 25.3550, -2.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

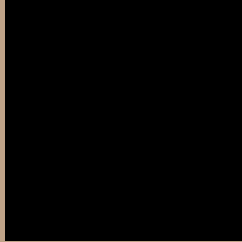
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.2940, 25.3550, -2.4610

Background



This preview shows how black text looks on a background with the YIQ color 168.2940, 25.3550, -2.4610.



This preview shows how white text looks on a background with the YIQ color 168.2940, 25.3550,

-2.4610.

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

168.2940, 25.3550, -2.4610

Protanopia

167.5700, 15.5900, -7.2100

Deuteranopia

168.3160, 28.2890, -0.5670



Tritanopia

170.4310, 18.2000, 11.5760

Trichromacy



Original Color

168.2940, 25.3550, -2.4610

Protanomaly

167.7770, 19.4410, -5.4150

Deuteranomaly

168.6040, 27.4180, -1.3020

Tritanomaly

169.9380, 20.9060, 6.5860

Monochromacy



Original Color

168.2940, 25.3550, -2.4610

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2940, 25.3550, -2.4610 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, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 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(191, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 136) }
```

Border

The CSS property to change the border of an element to YIQ 168.2940, 25.3550, -2.4610 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, 163, 136) }
```


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

```
.border{ border-color:rgb(191, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2940, 25.3550, -2.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 136) }
```

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

```
.background{ background-color: rgb(191,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor