

Converting Colors

YIQ(159.2850, 38.7420, 2.7260)

Have a look what the booklet for
YIQ(159.2850, 38.7420, 2.7260)
contains.

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Color

**YIQ(159.2850, 38.7420,
2.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	C69379
RGB	198, 147, 121
RGB Percent	78%, 58%, 47%
CMY	0.2234, 0.4236, 0.5253
CMYK	0.00, 0.26, 0.39, 0.22
HSL	20°, 40%, 63%
HSV	20°, 39%, 78%
XYZ	37.1801, 34.2517, 22.7551
YIQ	159.2850, 38.7420, 2.7260

Conversions

Conversions Part 2

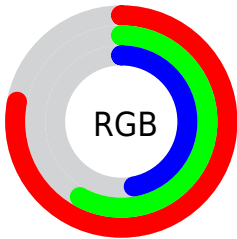
Format	Color
R_{YB}	198, 160, 121
Decimal	13013881
CIE Lab	65.16, 15.84, 21.25
CIE LCh	65, 26.501, 53.299
Yxy	34.2517, 0.3947, 0.3637
Android (android.graphics.Color)	4291203961 (0xFFC69379)
YUV	159.2850, -18.8745, 33.9531
Hunter-Lab	58.5250, 10.9797, 17.9150

Details

The YIQ color **159.2850, 38.7420, 2.7260** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.7150, -38.7420, -2.7260**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9540, 41.1720, 2.7400**, and **107.0180, 35.1200, 2.2880** is the 20% darker color. If you saturate the color by 10%, you get **149.3740, 48.7370, 3.3050**, and if you desaturate by 10%, it is **169.1960, 28.7470, 2.1470**.

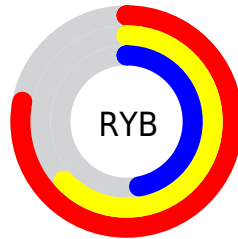
Distribution



Red (78%)

Green (58%)

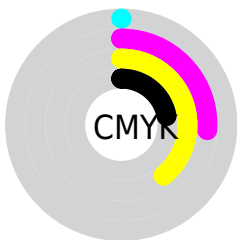
Blue (47%)



Red (78%)

Yellow (63%)

Blue (47%)

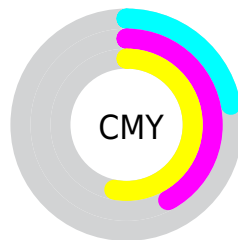


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.2850, 38.7420, 2.7260 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 159.2850, 38.7420, 2.7260 by changing the saturation by 10% instead.


 159.2850, 38.7420,
2.7260


 159.2850, 38.7420,
2.7260


255.0000, -0.0000,
-0.0000


 132.8010, 37.2290,
2.6130


 214.0680, 40.8510,
3.0510


 107.0180, 35.1200,
2.2880


 233.5820, 24.4840,
-3.1960

 82.5340, 33.6070,
2.1750

 252.0360, 8.3460,
-8.0860

 59.1530, 30.3060,
1.4260

 36.0280, 29.1600,
0.1680

 15.4820, 22.1900,
5.3420

 0.0000, 0.0000,

0.0000

■ 159.2850, 38.7420,
2.7260

■ 159.2850, 38.7420,
2.7260

■ 149.3740, 48.7370,
3.3050

■ 169.1960, 28.7470,
2.1470

■ 139.4630, 58.7320,
3.8840

■ 179.1070, 18.7520,
1.5680

■ 129.6660, 68.4060,
4.7740

■ 188.9040, 9.0780,
0.6780

■ 119.1680, 78.6760,
5.8760

■ 199.4020, -1.1920,
-0.4240

■ 109.2570, 88.6710,
6.4550

■ 209.3130,
-11.1870, -1.0030

■ 99.3460, 98.6660,
7.0340

■ 219.2240,
-21.1820, -1.5820

■ 98.5310, 99.5830,
6.9350

■ 228.5650,
-29.5720, -3.7160

■ 236.1960,
-33.1470, -10.5150

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



161.0220, 38.4650, 13.2570



159.2850, 38.7420, 2.7260



157.4590, 29.0240, -8.3840

Triad

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



159.2850, 38.7420, 2.7260



148.2030, -35.0250, -20.5370



159.4720, -15.4080, 14.9280

Complementary

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



159.2850, 38.7420, 2.7260



159.7150, -38.7420, -2.7260

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.



154.3440, -38.8350, 4.4690



159.2850, 38.7420, 2.7260



146.1550, -52.2650, -16.4650

Square

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



159.2850, 38.7420, 2.7260



151.8930, -10.7250, -20.3970



148.3540, -53.9630, -7.7150



161.7370, 8.8910, 20.5950

Rectangle

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



159.2850, 38.7420, 2.7260



155.7240, 17.7920, -14.0800



148.3540, -53.9630, -7.7150



158.1720, -23.4310, 11.6490

Sweetspot

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



159.2850, 38.7420, 2.7260



239.7260, 15.4510, 0.8190



149.8370, 29.5210, 32.1850



118.9040, 9.0780, 0.6780



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.



159.2850, 38.7420, 2.7260



194.9470, 60.2450, 3.9970



181.5910, 28.2920, -17.1480



94.4520, 4.5390, 0.3390



81.0220, 82.0230, 5.7910



17.8080, 18.1560, 1.3560

Inverse Universe

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



159.7150, -38.7420, -2.7260



195.6400, -60.5200, -4.5200



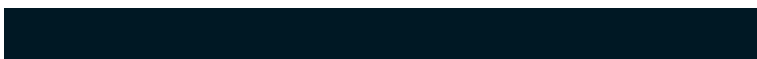
137.4090, -28.2920, 17.1480



94.5480, -4.5390, -0.3390



81.9780, -82.0230, -5.7910



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 159.2850, 38.7420, 2.7260 looks on a white background.

Color Contrast Check

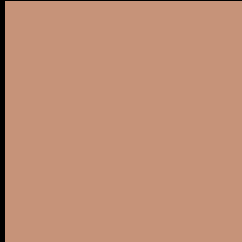
Large Text (above 18pt) WCAG AA × Fail

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 159.2850, 38.7420, 2.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

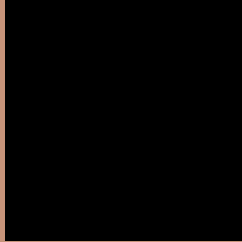
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.2850, 38.7420, 2.7260

Background



This preview shows how black text looks on a background with the YIQ color 159.2850, 38.7420, 2.7260.



This preview shows how white text looks on a background with the YIQ color 159.2850, 38.7420,

2.7260.

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

159.2850, 38.7420, 2.7260

Protanopia

157.3420, 16.2320, -7.8320

Deuteranopia

158.5180, 30.5360, -2.7440



Tritanopia

160.8950, 31.6330, 15.9290

Trichromacy



Original Color

159.2850, 38.7420, 2.7260

Protanomaly

158.0550, 24.5300, -4.0300

Deuteranomaly

158.5400, 33.4700, -0.8500

Tritanomaly

160.4020, 34.3390, 10.9390

Monochromacy



Original Color

159.2850, 38.7420, 2.7260

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2420, 13.9380, 0.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.2850, 38.7420, 2.7260 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, 147, 121)` looks like.

```
.text, #text, p{  
    color:rgb(198, 147, 121)  
}
```

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, 147, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 121) }
```

Border

The CSS property to change the border of an element to YIQ 159.2850, 38.7420, 2.7260 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, 147, 121) }
```


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

```
.border{ border-color:rgb(198, 147, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 147, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 147, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 147, 121);  
box-shadow:4px 4px 4px 4px rgb(198, 147,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 159.2850, 38.7420, 2.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 147, 121) }
```

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

```
.background{ background-color: rgb(198,  
147, 121) }
```

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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