

Converting Colors

YIQ(163.9150, 36.9080, 2.9240)

Have a look what the booklet for
YIQ(163.9150, 36.9080, 2.9240)
contains.

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Color

**YIQ(163.9150, 36.9080,
2.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	C99880
RGB	201, 152, 128
RGB Percent	79%, 60%, 50%
CMY	0.2117, 0.4040, 0.4979
CMYK	0.00, 0.24, 0.36, 0.21
HSL	20°, 40%, 65%
HSV	20°, 36%, 79%
XYZ	39.2183, 36.4305, 25.4014
YIQ	163.9150, 36.9080, 2.9240

Conversions

Conversions Part 2

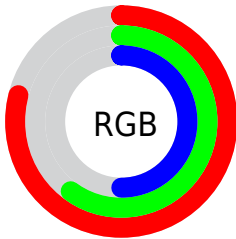
Format	Color
R_{YB}	201, 164, 128
Decimal	13211776
CIE _{Lab}	66.85, 15.14, 19.72
CIE _{LCh}	67, 24.860, 52.493
Yxy	36.4305, 0.3881, 0.3605
Android (android.graphics.Color)	4291401856 (0xFFC99880)
YUV	163.9150, -17.7061, 32.5235
Hunter-Lab	60.3577, 10.3571, 17.2983

Details

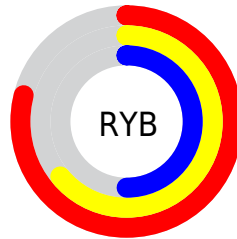
The YIQ color **163.9150, 36.9080, 2.9240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.0850, -36.9080, -2.9240**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **217.8010, 37.2290, 2.6130**, and **111.6480, 33.2860, 2.4860** is the 20% darker color. If you saturate the color by 10%, you get **153.4170, 47.1780, 4.0260**, and if you desaturate by 10%, it is **173.8260, 26.9130, 2.3450**.

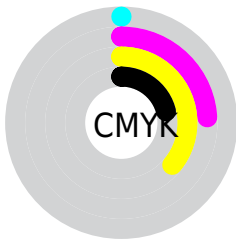
Distribution



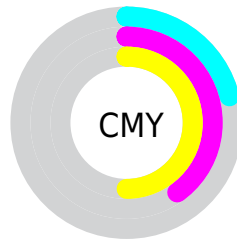
- Red (79%)
- Green (60%)
- Blue (50%)



- Red (79%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.9150, 36.9080, 2.9240 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 163.9150, 36.9080, 2.9240 by changing the saturation by 10% instead.


 163.9150, 36.9080,
2.9240


 163.9150, 36.9080,
2.9240


255.0000, -0.0000,
-0.0000


 137.4310, 35.3950,
2.8110


 217.8010, 37.2290,
2.6130


 111.6480, 33.2860,
2.4860


 238.0160, 20.2660,
-3.8460

 87.1640, 31.7730,
2.3730

 252.9480, 5.7780,
-5.5980

 63.3810, 29.6640,
2.0480

 40.2990, 26.9590,
1.5110

 19.3140, 22.6030,
3.3630

 1.1960, 2.3840,

0.8480

■ 0.0000, 0.0000,
0.0000

■ 163.9150, 36.9080,
2.9240

■ 163.9150, 36.9080,
2.9240

■ 153.4170, 47.1780,
4.0260

■ 173.8260, 26.9130,
2.3450

■ 143.5060, 57.1730,
4.6050

■ 184.3240, 16.6430,
1.2430

■ 133.0080, 67.4430,
5.7070

■ 194.8220, 6.3730,
0.1410

■ 123.0970, 77.4380,
6.2860

■ 204.7330, -3.6220,
-0.4380

■ 112.5990, 87.7080,
7.3880

■ 215.3450,
-14.2130, -1.2290

■ 102.5740, 98.0240,
7.6560

■ 225.2560,
-24.2080, -1.8080

■ 98.8410, 101.6460,
8.0940

■ 234.1580,
-29.9840, -7.2640

■ 238.8540,
-32.1840, -11.4480

Harmonies

Analogous

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



165.2390, 36.3560, 12.9320



163.9150, 36.9080, 2.9240



161.9150, 27.7400, -7.1400

Triad

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



163.9150, 36.9080, 2.9240



153.9970, -31.4490, -19.2650



164.1300, -14.4450, 13.9950

Complementary

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



163.9150, 36.9080, 2.9240



165.0850, -36.9080, -2.9240

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.



158.8990, -36.0840, 4.1720



163.9150, 36.9080, 2.9240



152.1340, -47.7720, -15.2920

Square

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



163.9150, 36.9080, 2.9240



157.0180, -9.5790, -19.1390



153.9200, -49.7450, -7.0650



165.9110, 8.3410, 19.5490

Rectangle

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



163.9150, 36.9080, 2.9240



160.3650, 17.4250, -12.9350



153.9200, -49.7450, -7.0650



162.2430, -22.1930, 11.2390

Sweetspot

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



163.9150, 36.9080, 2.9240



240.6550, 14.2130, 1.2290



155.5270, 27.4580, 31.0260



119.0180, 8.7570, 0.9890



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.



163.9150, 36.9080, 2.9240



198.2070, 56.5770, 4.3930



185.0470, 27.0080, -15.9040



94.4520, 4.5390, 0.3390



80.4350, 82.2980, 6.3140



17.8080, 18.1560, 1.3560

Inverse Universe

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



165.0850, -36.9080, -2.9240



199.7930, -56.5770, -4.3930



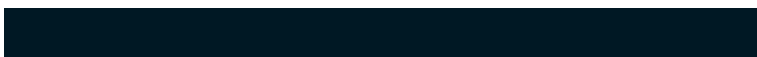
143.9530, -27.0080, 15.9040



94.5480, -4.5390, -0.3390



83.1520, -82.5730, -6.8370



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 163.9150, 36.9080, 2.9240 looks on a white background.

Color Contrast Check

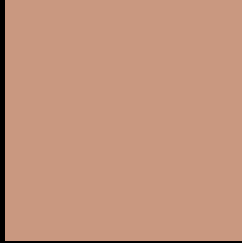
Large Text (above 18pt) WCAG AA × Fail

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 163.9150, 36.9080, 2.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

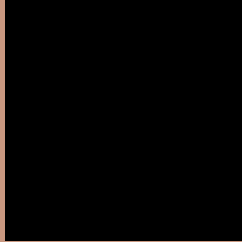
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.9150, 36.9080, 2.9240

Background



This preview shows how black text looks on a background with the YIQ color 163.9150, 36.9080, 2.9240.



This preview shows how white text looks on a background with the YIQ color 163.9150, 36.9080,

2.9240.

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

163.9150, 36.9080, 2.9240

Protanopia

162.5700, 15.5900, -7.2100

Deuteranopia

163.1590, 30.1690, -1.5990



Tritanopia

165.9980, 29.8450, 15.2930

Trichromacy



Original Color

163.9150, 36.9080, 2.9240

Protanomaly

162.9840, 23.2920, -3.6200

Deuteranomaly

163.7680, 32.8280, -0.2280

Tritanomaly

165.0320, 32.5050, 11.1370

Monochromacy



Original Color

163.9150, 36.9080, 2.9240

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.0570, 13.0210, 0.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.9150, 36.9080, 2.9240 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(201, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 128)  
}
```

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(201, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 128) }
```

Border

The CSS property to change the border of an element to YIQ 163.9150, 36.9080, 2.9240 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(201, 152, 128) }
```


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

```
.border{ border-color:rgb(201, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 128);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 163.9150, 36.9080, 2.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 128) }
```

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

```
.background{ background-color: rgb(201,  
152, 128) }
```

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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