

Converting Colors

YIQ(165.2390, 27.1880, 2.8680)

Have a look what the booklet for
YIQ(165.2390, 27.1880, 2.8680)
contains.

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Color

**YIQ(165.2390, 27.1880,
2.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	C19C8C
RGB	193, 156, 140
RGB Percent	76%, 61%, 55%
CMY	0.2431, 0.3883, 0.4509
CMYK	0.00, 0.19, 0.27, 0.24
HSL	18°, 30%, 65%
HSV	18°, 27%, 76%
XYZ	38.6191, 37.0061, 29.9303
YIQ	165.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

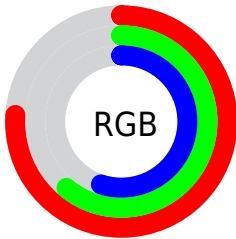
Format	Color
R_{YB}	193, 163, 140
Decimal	12688524
CIE _{Lab}	67.28, 11.36, 13.55
CIE _{LCh}	67, 17.680, 50.021
Yxy	37.0061, 0.3659, 0.3506
Android (android.graphics.Color)	4290878604 (0xFFC19C8C)
YUV	165.2390, -12.4428, 24.3464
Hunter-Lab	60.8327, 6.8622, 13.4116

Details

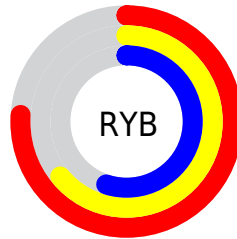
The YIQ color **165.2390, 27.1880, 2.8680** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167.7610, -27.1880, -2.8680**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.7230, 28.7010, 2.9810**, and **113.4560, 25.0790, 2.5430** is the 20% darker color. If you saturate the color by 10%, you get **155.4420, 36.8620, 3.7580**, and if you desaturate by 10%, it is **175.0360, 17.5140, 1.9780**.

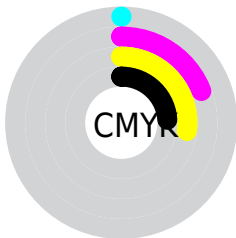
Distribution



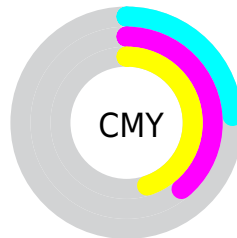
- Red (76%)
- Green (61%)
- Blue (55%)



- Red (76%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (24%)





- Cyan (24%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.2390, 27.1880, 2.8680 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 165.2390, 27.1880, 2.8680 by changing the saturation by 10% instead.


 165.2390, 27.1880,
2.8680


 165.2390, 27.1880,
2.8680

255.0000, -0.0000,
-0.0000


 138.7550, 25.6750,
2.7550


 220.7230, 28.7010,
2.9810


 113.4560, 25.0790,
2.5430


 241.8460, 14.9930,
-1.8950

 88.5590, 23.2910,
1.9070

 254.4300, 1.6050,
-1.5550

 64.4880, 22.0530,
2.3170

 42.7050, 19.9440,
1.9920

 21.0640, 20.3110,
0.8470

 0.0000, 0.0000,

0.0000

■ 165.2390, 27.1880,
2.8680

■ 165.2390, 27.1880,
2.8680

■ 155.4420, 36.8620,
3.7580

■ 175.0360, 17.5140,
1.9780

■ 144.9440, 47.1320,
4.8600

■ 185.5340, 7.2440,
0.8760

■ 135.1470, 56.8060,
5.7500

■ 195.3310, -2.4300,
-0.0140

■ 124.7630, 66.7550,
7.1630

■ 205.7150,
-12.3790, -1.4270

■ 114.9660, 76.4290,
8.0530

■ 215.6260,
-22.3740, -2.0060

■ 104.4680, 86.6990,
9.1550

■ 225.8960,
-32.0020, -3.7300

■ 94.6710, 96.3730,
10.0450

■ 233.5270,
-35.5770, -10.5290

■ 91.7530, 99.0780,
10.5820

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



166.2700, 25.9030, 9.6390



165.2390, 27.1880, 2.8680



163.7880, 20.9080, -4.4680

Triad

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



165.2390, 27.1880, 2.8680



158.4330, -20.8130, -13.7810



165.0500, -11.4640, 9.5280

Complementary

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



165.2390, 27.1880, 2.8680



167.7610, -27.1880, -2.8680

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.



161.8200, -25.6760, 2.7720



165.2390, 27.1880, 2.8680



157.5660, -31.3130, -10.7130

Square

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



165.2390, 27.1880, 2.8680



160.0450, -5.0410, -13.2730



158.8850, -33.4690, -4.6770



166.0690, 4.7200, 13.5840

Rectangle

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



165.2390, 27.1880, 2.8680



162.4450, 14.4440, -8.4680



158.8850, -33.4690, -4.6770



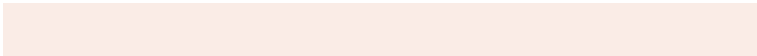
163.6580, -16.2320, 7.8320

Sweetspot

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



165.2390, 27.1880, 2.8680



239.5020, 10.2700, 1.1020



160.0650, 19.7110, 22.7430



118.2350, 6.6480, 0.6640



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.



165.2390, 27.1880, 2.8680



206.4920, 42.5930, 4.5210



180.5010, 20.0380, -10.7300



91.7510, 5.1350, 0.5510



76.3150, 82.7560, 9.0280



15.7370, 16.9180, 1.7660

Inverse Universe

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



167.7610, -27.1880, -2.8680



210.5080, -42.5930, -4.5210



152.4990, -20.0380, 10.7300



92.2490, -5.1350, -0.5510



84.0980, -82.4810, -8.5050



17.2630, -16.9180, -1.7660

Previews

White Background



This preview shows how the YIQ color 165.2390, 27.1880, 2.8680 looks on a white background.

Color Contrast Check

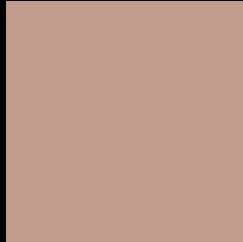
Large Text (above 18pt) WCAG AA × Fail

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 165.2390, 27.1880, 2.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

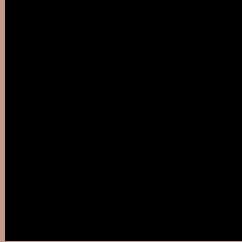
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.2390, 27.1880, 2.8680

Background



This preview shows how black text looks on a background with the YIQ color 165.2390, 27.1880, 2.8680.



This preview shows how white text looks on a background with the YIQ color 165.2390, 27.1880,

2.8680.

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

165.2390, 27.1880, 2.8680

Protanopia

164.1120, 11.1880, -4.5240

Deuteranopia

164.9180, 23.6580, 0.7620



Tritanopia

166.5240, 22.3720, 13.0600

Trichromacy



Original Color

165.2390, 27.1880, 2.8680

Protanomaly

164.6290, 17.1020, -1.5700

Deuteranomaly

164.9290, 25.1250, 1.7090

Tritanomaly

165.7860, 24.3900, 9.5260

Monochromacy



Original Color

165.2390, 27.1880, 2.8680

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2390, 27.1880, 2.8680 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(193, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 140)  
}
```

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(193, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 140) }
```

Border

The CSS property to change the border of an element to YIQ 165.2390, 27.1880, 2.8680 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(193, 156, 140) }
```


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

```
.border{ border-color:rgb(193, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(193, 156,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2390, 27.1880, 2.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 140) }
```

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

```
.background{ background-color: rgb(193,  
156, 140) }
```

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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