

Converting Colors

YIQ(170.5440, 27.6470, 0.0550)

Have a look what the booklet for
YIQ(170.5440, 27.6470, 0.0550)
contains.

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Color

**YIQ(170.5440, 27.6470,
0.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A38C
RGB	197, 163, 140
RGB Percent	77%, 64%, 55%
CMY	0.2274, 0.3608, 0.4508
CMYK	0.00, 0.17, 0.29, 0.23
HSL	24°, 33%, 66%
HSV	24°, 29%, 77%
XYZ	40.8611, 39.9563, 30.3822
YIQ	170.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

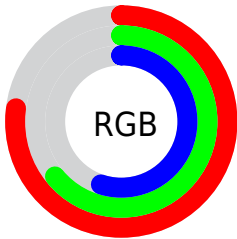
Format	Color
R _Y B	197, 179, 140
Decimal	12952460
CIE Lab	69.44, 9.10, 16.62
CIE LCh	69, 18.942, 61.304
Yxy	39.9563, 0.3675, 0.3593
Android (android.graphics.Color)	4291142540 (0xFFC5A38C)
YUV	170.5440, -15.0582, 23.2019
Hunter-Lab	63.2110, 4.7673, 15.7501

Details

The YIQ color $170.5440, 27.6470, 0.0550$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $166.4560, -27.6470, -0.0550$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.0280, 29.1600, 0.1680$, and $117.8750, 25.2170, 0.0410$ is the 20% darker color. If you saturate the color by 10%, you get $161.2200, 37.3670, 0.1110$, and if you desaturate by 10%, it is $179.8680, 17.9270, -0.0010$.

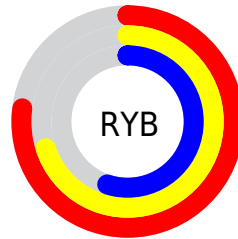
Distribution



Red (77%)

Green (64%)

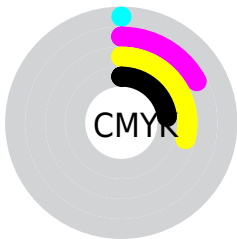
Blue (55%)



Red (77%)

Yellow (70%)

Blue (55%)

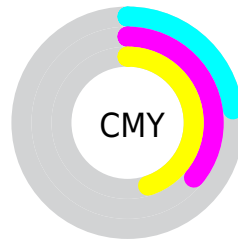


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.5440, 27.6470, 0.0550 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 170.5440, 27.6470, 0.0550 by changing the saturation by 10% instead.

 170.5440, 27.6470,
0.0550


 170.5440, 27.6470,
0.0550


255.0000, -0.0000,
-0.0000


 143.9460, 26.4550,
-0.3690


 226.0280, 29.1600,
0.1680


 117.8750, 25.2170,
0.0410


 245.9550, 13.0680,
-5.5560

 93.2770, 24.0250,
-0.3830

 254.4300, 1.6050,
-1.5550

 69.7930, 22.5120,
-0.4960

 47.0100, 20.4030,
-0.8210

 25.4830, 20.4490,
-1.6550

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 170.5440, 27.6470,
0.0550

■ 170.5440, 27.6470,
0.0550

■ 161.2200, 37.3670,
0.1110

■ 179.8680, 17.9270,
-0.0010

■ 152.0100, 46.7660,
0.4780

■ 189.0780, 8.5280,
-0.3680

■ 143.2730, 56.2110,
0.0110

■ 197.8150, -0.9170,
0.0990

■ 133.9490, 65.9310,
0.0670

■ 207.1390,
-10.6370, 0.0430

■ 124.7390, 75.3300,
0.4340

■ 216.4630,
-20.3570, -0.0130

■ 115.4150, 85.0500,
0.4900

■ 225.3310,
-28.7930, -1.3130

■ 106.6780, 94.4950,
0.0230

■ 231.7880,
-31.8180, -7.0660

■ 105.2760, 95.6870,
0.4470

■ 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.



171.9560, 29.6630, 7.5750



170.5440, 27.6470, 0.0550



169.0110, 18.6620, -7.8180

Triad

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



170.5440, 27.6470, 0.0550



163.3120, -27.7820, -14.1340



171.5670, -5.5500, 12.4820

Complementary

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



170.5440, 27.6470, 0.0550



166.4560, -27.6470, -0.0550

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.



168.7820, -22.5130, 6.0230



170.5440, 27.6470, 0.0550



163.1680, -35.9440, -9.3840

Square

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



170.5440, 27.6470, 0.0550



164.9840, -12.2390, -14.9830



165.1670, -34.2030, -2.3870



172.8310, 11.3220, 15.0820

Rectangle

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



170.5440, 27.6470, 0.0550



167.4120, 10.0430, -11.3090



165.1670, -34.2030, -2.3870



170.5770, -11.5100, 10.3620

Sweetspot

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



170.5440, 27.6470, 0.0550



244.1600, 11.2330, 0.1690



160.9190, 23.0580, 22.6580



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.



170.5440, 27.6470, 0.0550



213.7430, 43.1440, 0.0400



186.9800, 19.9470, -14.5890



95.0390, 4.2640, -0.1840



87.4790, 78.9980, 0.0380



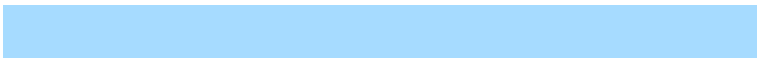
18.9820, 17.6060, 0.3100

Inverse Universe

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



166.4560, -27.6470, -0.0550



207.2570, -43.1440, -0.0400



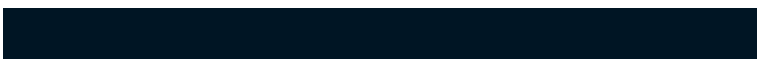
150.0200, -19.9470, 14.5890



93.9610, -4.2640, 0.1840



75.5210, -78.9980, -0.0380



16.4310, -17.3310, 0.2130

Previews

White Background



This preview shows how the YIQ color 170.5440, 27.6470, 0.0550 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 170.5440, 27.6470, 0.0550 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 170.5440, 27.6470, 0.0550

Background



This preview shows how black text looks on a background with the YIQ color 170.5440, 27.6470, 0.0550.



This preview shows how white text looks on a background with the YIQ color 170.5440, 27.6470,

0.0550.

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

170.5440, 27.6470, 0.0550

Protanopia

169.0260, 14.3060, -5.9660

Deuteranopia

170.5440, 27.6470, 0.0550



Tritanopia

172.6270, 20.5840, 12.4240

Trichromacy



Original Color

170.5440, 27.6470, 0.0550

Protanomaly

169.8310, 19.3490, -3.7470

Deuteranomaly

170.5440, 27.6470, 0.0550

Tritanomaly

171.6610, 23.2440, 8.2680

Monochromacy



Original Color

170.5440, 27.6470, 0.0550

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.6760, 9.7200, 0.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.5440, 27.6470, 0.0550 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, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 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(197, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 140) }
```

Border

The CSS property to change the border of an element to YIQ 170.5440, 27.6470, 0.0550 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, 163, 140) }
```


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

```
.border{ border-color:rgb(197, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(197, 163,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 170.5440, 27.6470, 0.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 140) }
```

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

```
.background{ background-color: rgb(197,  
163, 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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