

Converting Colors

YIQ(170.6100, 27.2810, -4.3270)

Have a look what the booklet for
YIQ(170.6100, 27.2810, -4.3270)
contains.

YIQ(170.6100, 27.2810, -4.3270)	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(170.6100, 27.2810,
-4.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A685
RGB	194, 166, 133
RGB Percent	76%, 65%, 52%
CMY	0.2392, 0.3490, 0.4783
CMYK	0.00, 0.14, 0.31, 0.24
HSL	32°, 33%, 64%
HSV	32°, 31%, 76%
XYZ	40.1212, 40.4334, 27.8925
YIQ	170.6100, 27.2810, -4.3270

Conversions

Conversions Part 2

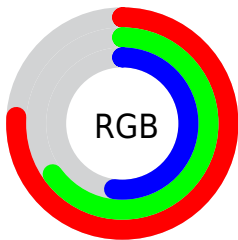
Format	Color
RYB	185, 194, 133
Decimal	12756613
CIELab	69.78, 5.34, 20.87
CIElCh	70, 21.545, 75.640
Yxy	40.4334, 0.3700, 0.3728
Android (android.graphics.Color)	4290946693 (0xFFC2A685)
YUV	170.6100, -18.5417, 20.5130
Hunter-Lab	63.5873, 1.3492, 18.5036

Details

The YIQ color **170.6100, 27.2810, -4.3270** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **156.3900, -27.2810, 4.3270**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9800, 29.1150, -4.5250**, and **117.9410, 24.8510, -4.3410** is the 20% darker color. If you saturate the color by 10%, you get **163.1610, 35.8550, -5.5290**, and if you desaturate by 10%, it is **178.0590, 18.7070, -3.1250**.

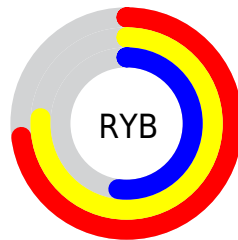
Distribution



Red (76%)

Green (65%)

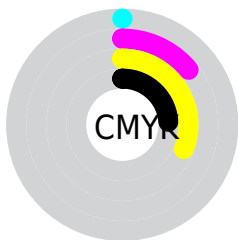
Blue (52%)



Red (73%)

Yellow (76%)

Blue (52%)

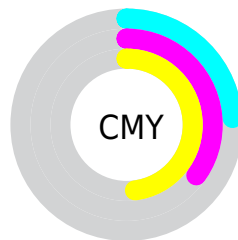


Cyan (0%)

Magenta (14%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.6100, 27.2810, -4.3270 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 170.6100, 27.2810, -4.3270 by changing the saturation by 10% instead.


 170.6100, 27.2810,
-4.3270


 170.6100, 27.2810,
-4.3270


255.0000, -0.0000,
-0.0000

 144.1260, 25.7680,
-4.4400


 225.9800, 29.1150,
-4.5250


 117.9410, 24.8510,
-4.3410


 247.3910, 14.5360,
-10.1360

 93.4570, 23.3380,
-4.4540

 253.6320, 3.8520,
-3.7320

 69.3860, 22.1000,
-4.0440

 46.6030, 19.9910,
-4.3690

 26.3470, 17.8360,
-3.8600

 3.2890, 6.5560,

2.3320

■ 0.0000, 0.0000,
0.0000

■ 170.6100, 27.2810,
-4.3270

■ 170.6100, 27.2810,
-4.3270

■ 163.1610, 35.8550,
-5.5290

■ 178.0590, 18.7070,
-3.1250

■ 155.5980, 44.7500,
-7.0420

■ 185.6220, 9.8120,
-1.6120

■ 148.1490, 53.3240,
-8.2440

■ 193.0710, 1.2380,
-0.4100

■ 140.5860, 62.2190,
-9.7570

■ 200.6340, -7.6570,
1.1030

■ 133.1370, 70.7930,
-10.9590

■ 208.0830,
-16.2310, 2.3050

■ 126.2750, 79.0920,
-12.6840

■ 214.9450,
-24.5300, 4.0300

■ 119.6410, 86.7490,
-13.7870

■ 220.9120,
-28.9310, 1.1890

■ 226.1950,
-31.4060, -3.5180

■ 231.4780,
-33.8810, -8.2250

Harmonies

Analogous

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



172.1150, 33.4690, 4.6770



170.6100, 27.2810, -4.3270



168.4510, 14.3070, -11.4930

Triad

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



170.6100, 27.2810, -4.3270



162.3370, -38.0980, -14.4020



173.2800, 2.7480, 16.2840

Complementary

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



170.6100, 27.2810, -4.3270



156.3900, -27.2810, 4.3270

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.



171.0540, -17.2870, 10.4330



170.6100, 27.2810, -4.3270



163.5140, -42.7300, -7.5460

Square

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



170.6100, 27.2810, -4.3270



163.6560, -23.0590, -17.1310



167.1010, -33.8370, 1.9950



174.3760, 20.0330, 16.9050

Rectangle

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



170.6100, 27.2810, -4.3270



166.8840, 2.6620, -15.2100



167.1010, -33.8370, 1.9950



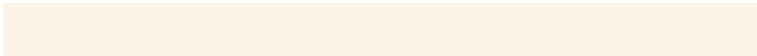
172.8170, -3.2580, 14.9980

Sweetspot

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



170.6100, 27.2810, -4.3270



243.6220, 9.8120, -1.6120



154.4310, 27.3680, 21.6400



122.1810, 6.7400, -1.0040



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.



170.6100, 27.2810, -4.3270



215.3420, 42.5950, -6.5330



186.4480, 18.3890, -19.3950



92.9250, 4.5850, -0.4950



99.2080, 72.0310, -11.3690



20.4330, 14.7180, -2.4180

Inverse Universe

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



156.3900, -27.2810, 4.3270



193.6580, -42.5950, 6.5330



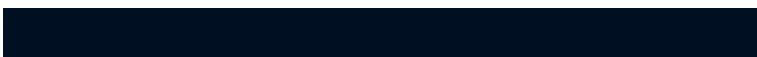
140.5520, -18.3890, 19.3950



91.0750, -4.5850, 0.4950



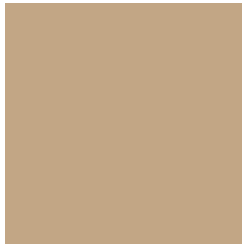
61.7920, -72.0310, 11.3690



12.5670, -14.7180, 2.4180

Previews

White Background



This preview shows how the YIQ color 170.6100, 27.2810, -4.3270 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 170.6100, 27.2810, -4.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

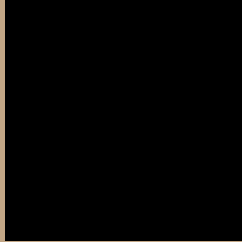
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6100, 27.2810, -4.3270

Background



This preview shows how black text looks on a background with the YIQ color 170.6100, 27.2810, -4.3270.



This preview shows how white text looks on a background with the YIQ color 170.6100, 27.2810,

-4.3270.

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

170.6100, 27.2810, -4.3270

Protanopia

169.2990, 17.7910, -8.5530

Deuteranopia

171.2300, 31.4070, -2.0090



Tritanopia

173.4310, 18.2000, 11.5760

Trichromacy



Original Color

170.6100, 27.2810, -4.3270

Protanomaly

170.0930, 21.3670, -7.2810

Deuteranomaly

171.2190, 29.9400, -2.9560

Tritanomaly

172.5960, 21.8690, 5.6530

Monochromacy



Original Color

170.6100, 27.2810, -4.3270

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.6220, 9.8120, -1.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6100, 27.2810, -4.3270 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(194, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(194, 166, 133)  
}
```

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(194, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 166, 133) }
```

Border

The CSS property to change the border of an element to YIQ 170.6100, 27.2810, -4.3270 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(194, 166, 133) }
```


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

```
.border{ border-color:rgb(194, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(194, 166,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6100, 27.2810, -4.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 166, 133) }
```

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

```
.background{ background-color: rgb(194,  
166, 133) }
```

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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