

Converting Colors

YIQ(175.2420, 31.1330, -8.0590)

Have a look what the booklet for
YIQ(175.2420, 31.1330, -8.0590)
contains.

YIQ(175.2420, 31.1330, -8.0590)	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(175.2420, 31.1330,
-8.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AC7F
RGB	200, 172, 127
RGB Percent	78%, 67%, 50%
CMY	0.2156, 0.3255, 0.5018
CMYK	0.00, 0.14, 0.36, 0.22
HSL	37°, 40%, 64%
HSV	37°, 36%, 78%
XYZ	42.4057, 43.3146, 26.2180
YIQ	175.2420, 31.1330, -8.0590

Conversions

Conversions Part 2

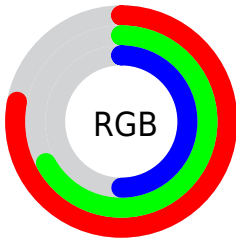
Format	Color
RYB	172, 200, 127
Decimal	13151359
CIELab	71.77, 3.75, 26.90
CIELCh	72, 27.159, 82.063
Yxy	43.3146, 0.3788, 0.3870
Android (android.graphics.Color)	4291341439 (0xFFC8AC7F)
YUV	175.2420, -23.7833, 21.7128
Hunter-Lab	65.8138, -0.1616, 22.4505

Details

The YIQ color **175.2420, 31.1330, -8.0590** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **151.7580, -31.1330, 8.0590**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.0140, 31.7750, -8.6810**, and **122.5730, 28.7030, -8.0730** is the 20% darker color. If you saturate the color by 10%, you get **168.2660, 39.7530, -10.0950**, and if you desaturate by 10%, it is **182.2180, 22.5130, -6.0230**.

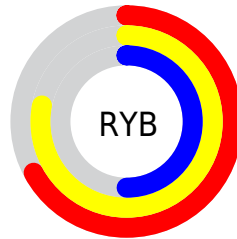
Distribution



Red (78%)

Green (67%)

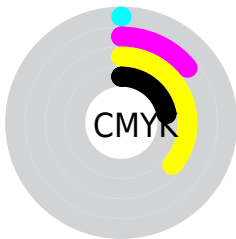
Blue (50%)



Red (67%)

Yellow (78%)

Blue (50%)

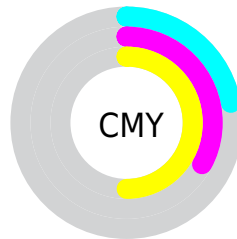


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.2420, 31.1330, -8.0590 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 175.2420, 31.1330, -8.0590 by changing the saturation by 10% instead.


 175.2420, 31.1330,
-8.0590


 175.2420, 31.1330,
-8.0590


255.0000, -0.0000,
-0.0000

 148.1710, 29.8950,
-7.6490


 230.0140, 31.7750,
-8.6810


 122.5730, 28.7030,
-8.0730


 249.6420, 15.0870,
-14.6170

 97.2030, 26.8690,
-7.8750

 252.8340, 6.0990,
-5.9090

 73.4200, 24.7600,
-8.2000

 50.1210, 24.1640,
-8.4120

 29.5920, 18.5240,
-5.3160

 7.1430, 9.9030,

2.2470

■ 0.0000, 0.0000,
0.0000

■ 175.2420, 31.1330,
-8.0590

■ 175.2420, 31.1330,
-8.0590

■ 168.2660, 39.7530,
-10.0950

■ 182.2180, 22.5130,
-6.0230

■ 161.8770, 48.0980,
-12.6540

■ 188.6070, 14.1680,
-3.4640

■ 154.9010, 56.7180,
-14.6900

■ 195.5830, 5.5480,
-1.4280

■ 147.9250, 65.3380,
-16.7260

■ 202.5590, -3.0720,
0.6080

■ 141.5360, 73.6830,
-19.2850

■ 208.9480,
-11.4170, 3.1670

■ 134.5600, 82.3030,
-21.3210

■ 215.9240,
-20.0370, 5.2030

■ 132.0010, 85.3750,
-21.9290

■ 221.5320,
-24.8050, 3.5070

■ 225.6410,
-26.7300, -0.1540

■ 230.3370,
-28.9300, -4.3380

Harmonies

Analogous

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



177.1820, 40.5300, 3.3620



175.2420, 31.1330, -8.0590



172.8050, 13.0700, -16.6100

Triad

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



175.2420, 31.1330, -8.0590



163.5570, -53.4570, -16.8890



179.3780, 8.5240, 21.7400

Complementary

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



175.2420, 31.1330, -8.0590



151.7580, -31.1330, 8.0590

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.



177.4010, -16.6460, 15.3380



175.2420, 31.1330, -8.0590



165.8700, -55.4760, -7.8280

Square

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



175.2420, 31.1330, -8.0590



165.6760, -34.9790, -21.3710



171.8600, -40.3480, 4.3560



179.6870, 29.5230, 21.1310

Rectangle

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



175.2420, 31.1330, -8.0590



170.3840, -1.9220, -20.2420



171.8600, -40.3480, 4.3560



179.1320, 0.4090, 20.1290

Sweetspot

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



175.2420, 31.1330, -8.0590



245.3510, 12.0130, -2.9550



152.1330, 34.1990, 24.4950



121.9530, 7.3820, -1.6260



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.



175.2420, 31.1330, -8.0590



216.9910, 47.7770, -12.3430



189.5850, 19.2610, -24.1870



96.2130, 3.7140, -1.2300



108.0240, 69.3730, -18.2670



23.6780, 15.4060, -3.8740

Inverse Universe

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



151.7580, -31.1330, 8.0590



181.0090, -47.7770, 12.3430



137.4150, -19.2610, 24.1870



92.7870, -3.7140, 1.2300



55.5630, -69.6480, 17.7440



12.3220, -15.4060, 3.8740

Previews

White Background



This preview shows how the YIQ color 175.2420, 31.1330, -8.0590 looks on a white background.

Color Contrast Check

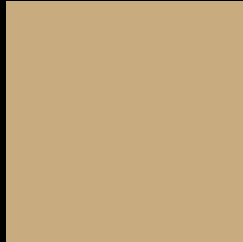
Large Text (above 18pt) WCAG AA × Fail

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 175.2420, 31.1330, -8.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

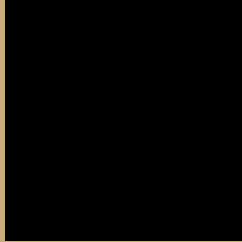
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.2420, 31.1330, -8.0590

Background



This preview shows how black text looks on a background with the YIQ color 175.2420, 31.1330, -8.0590.



This preview shows how white text looks on a background with the YIQ color 175.2420, 31.1330,

-8.0590.

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

175.2420, 31.1330, -8.0590

Protanopia

174.5290, 22.8350, -11.8610

Deuteranopia

176.2860, 37.0010, -4.2710



Tritanopia

178.4420, 19.6670, 12.5230

Trichromacy



Original Color

175.2420, 31.1330, -8.0590

Protanomaly

175.0240, 25.8150, -10.8010

Deuteranomaly

175.9760, 34.9380, -5.4300

Tritanomaly

177.4390, 23.7490, 4.6210

Monochromacy



Original Color

175.2420, 31.1330, -8.0590

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1660, 11.0960, -2.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2420, 31.1330, -8.0590 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(200, 172, 127)` looks like.

```
.text, #text, p{  
    color:rgb(200, 172, 127)  
}
```

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(200, 172, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 172, 127) }
```

Border

The CSS property to change the border of an element to YIQ 175.2420, 31.1330, -8.0590 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(200, 172, 127) }
```


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

```
.border{ border-color:rgb(200, 172, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 172, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 172, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 172, 127);  
box-shadow:4px 4px 4px 4px rgb(200, 172,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2420, 31.1330, -8.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 172, 127) }
```

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

```
.background{ background-color: rgb(200,  
172, 127) }
```

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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