

Converting Colors

YIQ(172.4770, 29.7540, 11.4340)

Have a look what the booklet for
YIQ(172.4770, 29.7540, 11.4340)
contains.

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Color

**YIQ(172.4770, 29.7540,
11.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	D09D9F
RGB	208, 157, 159
RGB Percent	82%, 62%, 62%
CMY	0.1842, 0.3844, 0.3763
CMYK	0.00, 0.25, 0.24, 0.18
HSL	358°, 35%, 72%
HSV	358°, 25%, 82%
XYZ	44.3351, 40.0254, 38.2034
YIQ	172.4770, 29.7540, 11.4340

Conversions

Conversions Part 2

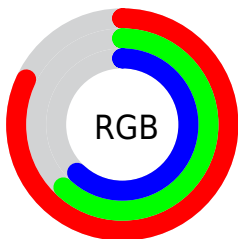
Format	Color
R _Y B	208, 157, 159
Decimal	13671839
CIE Lab	69.49, 19.29, 6.33
CIE LCh	69, 20.300, 18.169
Yxy	40.0254, 0.3617, 0.3266
Android (android.graphics.Color)	4291861919 (0xFFD09D9F)
YUV	172.4770, -6.6442, 31.1537
Hunter-Lab	63.2656, 14.3741, 8.4832

Details

The YIQ color $172.4770, 29.7540, 11.4340$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $192.5230, -29.7540, -11.4340$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.0850, 24.9860, 9.7380$, and $119.6940, 27.6450, 11.1090$ is the 20% darker color. If you saturate the color by 10%, you get $157.8700, 41.9490, 16.1970$, and if you desaturate by 10%, it is $187.0840, 17.5590, 6.6710$.

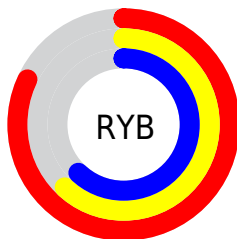
Distribution



Red (82%)

Green (62%)

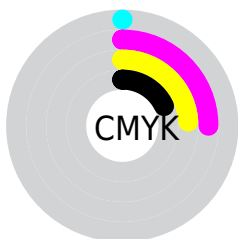
Blue (62%)



Red (82%)

Yellow (62%)

Blue (62%)

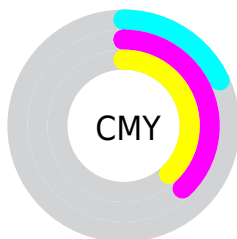


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (18%)



Cyan (18%)

Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.4770, 29.7540, 11.4340 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 172.4770, 29.7540, 11.4340 by changing the saturation by 10% instead.


 172.4770, 29.7540,
11.4340


 172.4770, 29.7540,
11.4340


255.0000, -0.0000,
-0.0000


 145.8790, 28.5620,
11.0100


 225.0850, 24.9860,
9.7380


 119.6940, 27.6450,
11.1090

 244.7130, 8.2980,
3.8020

 94.6830, 26.1780,
10.1620

 70.7860, 24.3900,
9.5260

 47.4160, 22.5560,
9.7240

 25.5190, 20.7680,
9.0880

 9.3830, 18.1550,

6.8830

0.0000, 0.0000,
0.0000

172.4770, 29.7540,
11.4340

172.4770, 29.7540,
11.4340

157.8700, 41.9490,
16.1970

187.0840, 17.5590,
6.6710

143.2630, 54.1440,
20.9600

201.6910, 5.3640,
1.9080

129.2430, 66.0640,
25.2000

215.7110, -6.5560,
-2.3320

114.6360, 78.2590,
29.9630

230.3180,
-18.7510, -7.0950

100.0290, 90.4540,
34.7260

240.9470,
-28.0120, -9.9640

■ 85.4220, 102.6490,
39.4890

■ 70.8150, 114.8440,
44.2520

■ 63.1040, 121.4000,
46.5840

Harmonies

Analogous

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



172.8490, 20.0790, 16.0710



172.4770, 29.7540, 11.4340



171.2180, 31.6810, 4.0410

Triad

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



172.4770, 29.7540, 11.4340



165.5780, -5.2240, -15.4640



167.0690, -30.8110, 2.2210

Complementary

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



172.4770, 29.7540, 11.4340



192.5230, -29.7540, -11.4340

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.



163.3080, -39.1540, -6.2740



172.4770, 29.7540, 11.4340



163.5960, -22.8300, -15.7740

Square

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



172.4770, 29.7540, 11.4340



167.7820, 11.8770, -11.5070



162.0600, -35.7600, -12.7200



170.6090, -14.5360, 10.1360

Rectangle

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



172.4770, 29.7540, 11.4340



170.3760, 28.0600, -1.9240



162.0600, -35.7600, -12.7200



165.3350, -34.6160, -0.4080

Sweetspot

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



172.4770, 29.7540, 11.4340



242.4960, 10.4070, 4.1270



177.1660, 12.2370, 26.0370



120.4030, 6.2350, 2.6430



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.



172.4770, 29.7540, 11.4340



203.4680, 43.1410, 16.6210



185.7500, 24.0710, -1.2170



97.4030, 6.2350, 2.6430



51.0300, 97.8810, 37.7930



12.4870, 23.7940, 9.3140

Inverse Universe

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



172.4770, 29.7540, 11.4340



203.4680, 43.1410, 16.6210



179.2500, -24.0710, 1.2170



97.4030, 6.2350, 2.6430



51.0300, 97.8810, 37.7930



12.4870, 23.7940, 9.3140

Previews

White Background



This preview shows how the YIQ color 172.4770, 29.7540, 11.4340 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 172.4770, 29.7540, 11.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

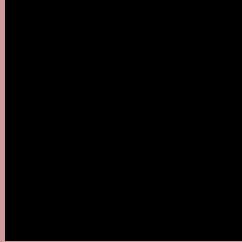
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.4770, 29.7540, 11.4340

Background



This preview shows how black text looks on a background with the YIQ color 172.4770, 29.7540, 11.4340.



This preview shows how white text looks on a background with the YIQ color 172.4770, 29.7540,

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

172.4770, 29.7540, 11.4340

Protanopia

170.1530, 3.9430, 0.1270

Deuteranopia

171.3890, 18.0180, 3.8580



Tritanopia

173.2150, 27.7360, 14.9680

Trichromacy



Original Color

172.4770, 29.7540, 11.4340

Protanomaly

171.0510, 13.1580, 3.8300

Deuteranomaly

171.4220, 22.4190, 6.6990

Tritanomaly

172.8730, 28.6990, 14.0350

Monochromacy



Original Color

172.4770, 29.7540, 11.4340

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3820, 10.7280, 3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4770, 29.7540, 11.4340 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(208, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 157, 159)  
}
```

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(208, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 157, 159) }
```

Border

The CSS property to change the border of an element to YIQ 172.4770, 29.7540, 11.4340 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(208, 157, 159) }
```


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

```
.border{ border-color:rgb(208, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 157,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4770, 29.7540, 11.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 157, 159) }
```

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

```
.background{ background-color: rgb(208,  
157, 159) }
```

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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