

Converting Colors

YIQ(172.0680, 40.8510, 3.0510)

Have a look what the booklet for
YIQ(172.0680, 40.8510, 3.0510)
contains.

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Color

**YIQ(172.0680, 40.8510,
3.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	D59F84
RGB	213, 159, 132
RGB Percent	84%, 62%, 52%
CMY	0.1646, 0.3765, 0.4822
CMYK	0.00, 0.25, 0.38, 0.16
HSL	20°, 49%, 68%
HSV	20°, 38%, 84%
XYZ	44.0111, 40.6061, 27.3647
YIQ	172.0680, 40.8510, 3.0510

Conversions

Conversions Part 2

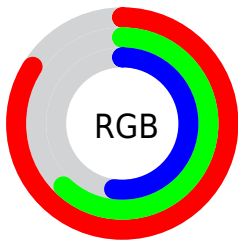
Format	Color
R _Y B	213, 173, 132
Decimal	14000004
CIE Lab	69.90, 16.57, 21.89
CIE LCh	70, 27.451, 52.877
Yxy	40.6061, 0.3930, 0.3626
Android (android.graphics.Color)	4292190084 (0xFFD59F84)
YUV	172.0680, -19.7535, 35.8974
Hunter-Lab	63.7229, 11.7685, 19.1450

Details

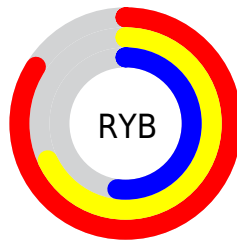
The YIQ color **172.0680, 40.8510, 3.0510** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **172.9320, -40.8510, -3.0510**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.9530, 33.7450, -0.3270**, and **119.1000, 37.8250, 2.8250** is the 20% darker color. If you saturate the color by 10%, you get **161.4560, 51.4420, 3.8420**, and if you desaturate by 10%, it is **182.6800, 30.2600, 2.2600**.

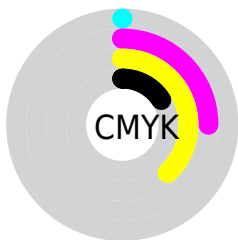
Distribution



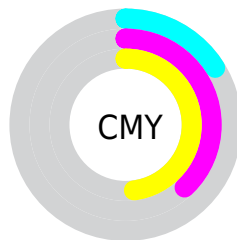
- Red (84%)
- Green (62%)
- Blue (52%)



- Red (84%)
- Yellow (68%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (38%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.0680, 40.8510, 3.0510 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 172.0680, 40.8510, 3.0510 by changing the saturation by 10% instead.


 172.0680, 40.8510,
3.0510


 172.0680, 40.8510,
3.0510


255.0000, -0.0000,
-0.0000

 145.2850, 38.7420,
2.7260


 222.9530, 33.7450,
-0.3270


 119.1000, 37.8250,
2.8250


 242.5810, 17.0570,
-6.2630

 94.0180, 35.1200,
2.2880

 253.4040, 4.4940,
-4.3540

 70.2350, 33.0110,
1.9630

 46.5660, 30.5810,
1.9490

 24.9400, 26.5920,
2.6560

 9.0840, 17.5590,

6.6710

0.0000, 0.0000,
0.0000

172.0680, 40.8510,
3.0510

172.0680, 40.8510,
3.0510

161.4560, 51.4420,
3.8420

182.6800, 30.2600,
2.2600

150.7300, 62.3540,
4.3220

193.4060, 19.3480,
1.7800

139.5310, 73.2200,
5.6360

204.6050, 8.4820,
0.4660

128.9190, 83.8110,
6.4270

215.2170, -2.1090,
-0.3250

118.3070, 94.4020,
7.2180

225.9430,
-13.0210, -0.8050

■ 107.5810,
105.3140, 7.6980

■ 235.9850,
-22.0070, -3.1510

■ 105.3640,
107.4230, 8.0230

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



173.3320, 40.5280, 14.4160



172.0680, 40.8510, 3.0510



169.9430, 30.5370, -8.2710

Triad

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



172.0680, 40.8510, 3.0510



160.4910, -35.8960, -21.2720



172.7000, -16.0500, 15.5500

Complementary

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



172.0680, 40.8510, 3.0510



172.9320, -40.8510, -3.0510

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.



166.9740, -40.6690, 4.6670



172.0680, 40.8510, 3.0510



157.9590, -54.6490, -17.3130

Square

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



172.0680, 40.8510, 3.0510



164.0670, -11.2750, -21.4430



160.6850, -56.3930, -7.7290



174.5630, 9.4410, 21.6410

Rectangle

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



172.0680, 40.8510, 3.0510



168.6810, 19.3510, -14.8010



160.6850, -56.3930, -7.7290



170.5140, -24.3940, 12.5820

Sweetspot

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



172.0680, 40.8510, 3.0510



240.6550, 14.2130, 1.2290



162.4890, 30.6210, 34.2770



119.0180, 8.7570, 0.9890



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.



172.0680, 40.8510, 3.0510



195.8760, 59.0070, 4.4070



194.9610, 30.1260, -17.3460



101.6370, 5.4560, 0.2400



84.5880, 86.2410, 6.4410



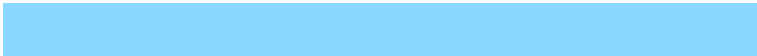
21.0750, 21.7780, 1.7940

Inverse Universe

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



172.9320, -40.8510, -3.0510



197.1240, -59.0070, -4.4070



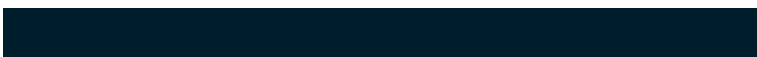
150.0390, -30.1260, 17.3460



101.9500, -5.7310, -0.7630



86.4120, -86.2410, -6.4410



21.9250, -21.7780, -1.7940

Previews

White Background



This preview shows how the YIQ color 172.0680, 40.8510, 3.0510 looks on a white background.

Color Contrast Check

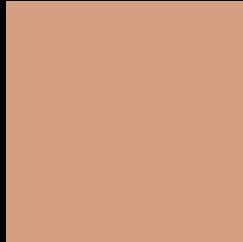
Large Text (above 18pt) WCAG AA × Fail

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 172.0680, 40.8510, 3.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

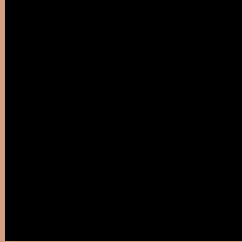
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.0680, 40.8510, 3.0510

Background



This preview shows how black text looks on a background with the YIQ color 172.0680, 40.8510, 3.0510.



This preview shows how white text looks on a background with the YIQ color 172.0680, 40.8510,

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

172.0680, 40.8510, 3.0510

Protanopia

170.5270, 17.1490, -7.9310

Deuteranopia

171.3010, 32.6450, -2.4190



Tritanopia

173.9060, 33.1000, 16.8760

Trichromacy



Original Color

172.0680, 40.8510, 3.0510

Protanomaly

171.2400, 25.4470, -4.1290

Deuteranomaly

171.3230, 35.5790, -0.5250

Tritanomaly

173.4130, 35.8060, 11.8860

Monochromacy



Original Color

172.0680, 40.8510, 3.0510

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8400, 15.1300, 1.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0680, 40.8510, 3.0510 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(213, 159, 132)` looks like.

```
.text, #text, p{  
    color:rgb(213, 159, 132)  
}
```

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(213, 159, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 159, 132) }
```

Border

The CSS property to change the border of an element to YIQ 172.0680, 40.8510, 3.0510 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(213, 159, 132) }
```


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

```
.border{ border-color:rgb(213, 159, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 159, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 159, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 159, 132);  
box-shadow:4px 4px 4px 4px rgb(213, 159,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0680, 40.8510, 3.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 159, 132) }
```

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

```
.background{ background-color: rgb(213,  
159, 132) }
```

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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