

Converting Colors

YIQ(145.5540, 40.0230, 18.0630)

Have a look what the booklet for
YIQ(145.5540, 40.0230, 18.0630)
contains.

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Color

**YIQ(145.5540, 40.0230,
18.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	C37B84
RGB	195, 123, 132
RGB Percent	76%, 48%, 52%
CMY	0.2351, 0.5177, 0.4822
CMYK	0.00, 0.37, 0.32, 0.24
HSL	352°, 38%, 62%
HSV	352°, 37%, 76%
XYZ	33.7641, 27.4335, 25.3593
YIQ	145.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

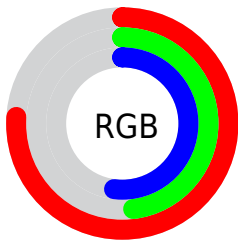
Format	Color
RYB	195, 123, 132
Decimal	12811140
CIELab	59.37, 29.23, 6.90
CIELCh	59, 30.031, 13.287
Yxy	27.4335, 0.3901, 0.3169
Android (android.graphics.Color)	4291001220 (0xFFC37B84)
YUV	145.5540, -6.6821, 43.3641
Hunter-Lab	52.3770, 23.4075, 7.9575

Details

The YIQ color **145.5540, 40.0230, 18.0630** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172.4460, -40.0230, -18.0630**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0490, 43.0030, 19.1230**, and **93.8740, 36.1260, 17.1020** is the 20% darker color. If you saturate the color by 10%, you get **131.8760, 50.9800, 23.2360**, and if you desaturate by 10%, it is **158.6450, 29.3410, 13.4130**.

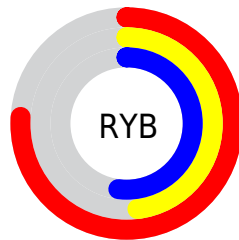
Distribution



Red (76%)

Green (48%)

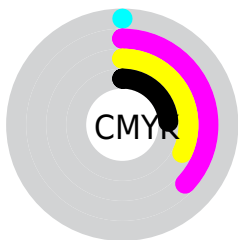
Blue (52%)



Red (76%)

Yellow (48%)

Blue (52%)

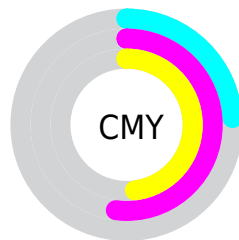


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.5540, 40.0230, 18.0630 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 145.5540, 40.0230, 18.0630 by changing the saturation by 10% instead.


 145.5540, 40.0230,
18.0630


 145.5540, 40.0230,
18.0630


255.0000, -0.0000,
-0.0000


 119.0700, 38.5100,
17.9500


 200.0490, 43.0030,
19.1230


 93.8740, 36.1260,
17.1020


 220.2750, 27.5070,
13.6110

 69.0910, 34.0170,
16.7770

 239.9030, 10.8190,
7.6750

 44.7210, 32.1830,
16.9750

 20.8780, 30.3030,
18.0070

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 145.5540, 40.0230,
18.0630

■ 145.5540, 40.0230,
18.0630

■ 131.8760, 50.9800,
23.2360

■ 158.6450, 29.3410,
13.4130

■ 118.7850, 61.6620,
27.8860

■ 172.3230, 18.3840,
8.2400

■ 105.1070, 72.6190,
33.0590

■ 185.4140, 7.7020,
3.5900

■ 92.0160, 83.3010,
37.7090

■ 199.0920, -3.2550,
-1.5830

■ 78.3380, 94.2580,
42.8820

■ 212.1830,
-13.9370, -6.2330

■ 65.2470, 104.9400,
47.5320

■ 225.8610,
-24.8940, -11.4060

■ 61.1550, 108.1950,
49.1150

■ 236.6040,
-34.4760, -13.9640

■ 237.0600,
-35.7600, -12.7200

Harmonies

Analogous

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



146.8160, 24.8460, 23.2940



145.5540, 40.0230, 18.0630



144.2580, 43.3720, 6.9240

Triad

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



145.5540, 40.0230, 18.0630



136.9600, -3.6640, -21.7120



134.8690, -53.7350, -0.8310

Complementary

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



145.5540, 40.0230, 18.0630



172.4460, -40.0230, -18.0630

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.



126.2270, -69.9630, -15.1070



145.5540, 40.0230, 18.0630



132.3620, -31.2190, -23.4350

Square

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



145.5540, 40.0230, 18.0630



140.0400, 19.7180, -15.9460



126.7580, -58.6370, -22.1330



142.2580, -26.5490, 13.0910

Rectangle

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



145.5540, 40.0230, 18.0630



142.8350, 39.8890, -1.5430



126.7580, -58.6370, -22.1330



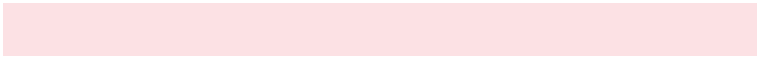
131.7000, -60.7490, -5.8770

Sweetspot

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



145.5540, 40.0230, 18.0630



233.4150, 15.1290, 6.6570



149.7460, 13.8400, 35.5360



116.3110, 9.4900, 4.2260



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.



145.5540, 40.0230, 18.0630



175.7850, 61.6620, 27.8860



159.7900, 35.7620, 1.6660



90.1040, 5.6390, 2.4310



50.4190, 89.5360, 40.3520



10.3230, 18.3840, 8.2400

Inverse Universe

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



145.5540, 40.0230, 18.0630



175.7850, 61.6620, 27.8860



158.2100, -35.7620, -1.6660



90.1040, 5.6390, 2.4310



50.4190, 89.5360, 40.3520



10.3230, 18.3840, 8.2400

Previews

White Background



This preview shows how the YIQ color 145.5540, 40.0230, 18.0630 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5540, 40.0230, 18.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

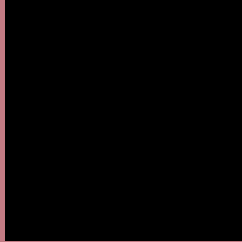
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.5540, 40.0230, 18.0630

Background



This preview shows how black text looks on a background with the YIQ color 145.5540, 40.0230, 18.0630.



This preview shows how white text looks on a background with the YIQ color 145.5540, 40.0230,

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

145.5540, 40.0230, 18.0630

Protanopia

143.8970, 1.7880, 0.6360

Deuteranopia

144.1500, 17.1930, 2.2890



Tritanopia

145.5540, 40.0230, 18.0630

Trichromacy



Original Color

145.5540, 40.0230, 18.0630

Protanomaly

144.7140, 15.7250, 6.8690

Deuteranomaly

144.9170, 25.3990, 7.7590

Tritanomaly

145.5540, 40.0230, 18.0630

Monochromacy



Original Color

145.5540, 40.0230, 18.0630

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1160, 14.5330, 6.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5540, 40.0230, 18.0630 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(195, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 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(195, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 132) }
```

Border

The CSS property to change the border of an element to YIQ 145.5540, 40.0230, 18.0630 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(195, 123, 132) }
```


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

```
.border{ border-color:rgb(195, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5540, 40.0230, 18.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 132) }
```

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

```
.background{ background-color: rgb(195,  
123, 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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