

Converting Colors

YIQ(154.2360, 40.4380, 5.0300)

Have a look what the booklet for
YIQ(154.2360, 40.4380, 5.0300)
contains.

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Color

**YIQ(154.2360, 40.4380,
5.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	C48C76
RGB	196, 140, 118
RGB Percent	77%, 55%, 46%
CMY	0.2313, 0.4511, 0.5371
CMYK	0.00, 0.29, 0.40, 0.23
HSL	17°, 40%, 62%
HSV	17°, 40%, 77%
XYZ	35.4202, 31.7982, 21.4245
YIQ	154.2360, 40.4380, 5.0300

Conversions

Conversions Part 2

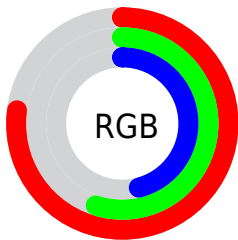
Format	Color
R_{YB}	196, 149, 118
Decimal	12881014
CIE _{Lab}	63.18, 18.54, 20.18
CIE _{LCh}	63, 27.403, 47.436
Yxy	31.7982, 0.3996, 0.3587
Android (android.graphics.Color)	4291071094 (0xFFC48C76)
YUV	154.2360, -17.8643, 36.6270
Hunter-Lab	56.3899, 13.4390, 16.9466

Details

The YIQ color **154.2360, 40.4380, 5.0300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159.7640, -40.4380, -5.0300**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2040, 43.4640, 5.2560**, and **102.6700, 36.2200, 4.3800** is the 20% darker color. If you saturate the color by 10%, you get **143.7380, 50.7080, 6.1320**, and if you desaturate by 10%, it is **164.7340, 30.1680, 3.9280**.

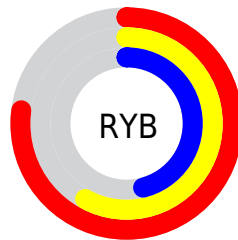
Distribution



Red (77%)

Green (55%)

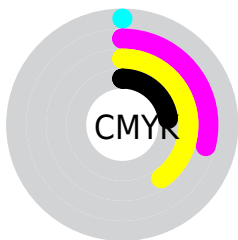
Blue (46%)



Red (77%)

Yellow (58%)

Blue (46%)

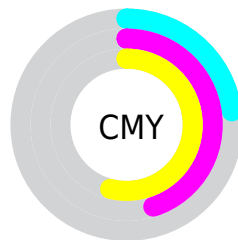


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.2360, 40.4380, 5.0300 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 154.2360, 40.4380, 5.0300 by changing the saturation by 10% instead.


 154.2360, 40.4380,
5.0300


 154.2360, 40.4380,
5.0300


255.0000, -0.0000,
-0.0000

 127.7520, 38.9250,
4.9170


 209.2040, 43.4640,
5.2560

 102.6700, 36.2200,
4.3800


 229.1310, 27.3720,
-0.4680


 77.8870, 34.1110,
4.0550

 248.7590, 10.6840,
-6.4040

 54.2180, 31.6810,
4.0410

254.8860, 0.3210,
-0.3110

 31.4520, 30.9020,
1.6380

 11.6610, 23.2440,
8.2680

 0.0000, 0.0000,

0.0000

■ 154.2360, 40.4380,
5.0300

■ 154.2360, 40.4380,
5.0300

■ 143.7380, 50.7080,
6.1320

■ 164.7340, 30.1680,
3.9280

■ 133.3540, 60.6570,
7.5450

■ 175.1180, 20.2190,
2.5150

■ 122.8560, 70.9270,
8.6470

■ 185.6160, 9.9490,
1.4130

■ 112.4720, 80.8760,
10.0600

■ 196.0000, -0.0000,
-0.0000

■ 101.9740, 91.1460,
11.1620

■ 206.4980,
-10.2700, -1.1020

■ 90.8890, 101.6910,
12.7870

■ 217.5830,
-20.8150, -2.7270

■ 227.9670,
-30.7640, -4.1400

■ 236.1850,
-34.6140, -11.4620

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



155.4890, 38.6480, 15.4480



154.2360, 40.4380, 5.0300



152.4810, 31.9580, -6.4900

Triad

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



154.2360, 40.4380, 5.0300



143.4160, -31.3110, -21.7670



153.1940, -20.4970, 13.5430

Complementary

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



154.2360, 40.4380, 5.0300



159.7640, -40.4380, -5.0300

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.



147.2400, -44.4740, 2.0380



154.2360, 40.4380, 5.0300



139.8020, -52.7690, -18.3450

Square

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



154.2360, 40.4380, 5.0300



146.9320, -6.4610, -20.5810



141.3210, -58.3640, -10.5560



156.5840, 4.9480, 20.4680

Rectangle

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



154.2360, 40.4380, 5.0300



150.7030, 22.2850, -12.9070



141.3210, -58.3640, -10.5560



151.5950, -29.1160, 10.0520

Sweetspot

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



154.2360, 40.4380, 5.0300



238.5520, 16.0010, 1.8650



147.8200, 28.1910, 34.2630



118.3170, 9.3530, 1.2010



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.



154.2360, 40.4380, 5.0300



189.4360, 63.3620, 8.0820



176.5420, 29.9880, -14.8440



91.7510, 5.1350, 0.5510



74.5540, 83.5810, 10.5970



15.1500, 17.1930, 2.2890

Inverse Universe

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



159.7640, -40.4380, -5.0300



198.5640, -63.3620, -8.0820



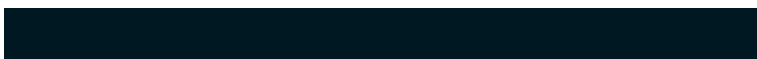
137.4580, -29.9880, 14.8440



92.2490, -5.1350, -0.5510



85.8590, -83.3060, -10.0740



17.8500, -17.1930, -2.2890

Previews

White Background



This preview shows how the YIQ color 154.2360, 40.4380, 5.0300 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 154.2360, 40.4380, 5.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

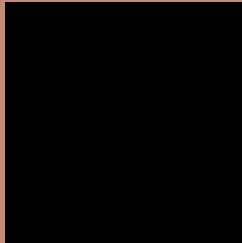
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.2360, 40.4380, 5.0300

Background



This preview shows how black text looks on a background with the YIQ color 154.2360, 40.4380, 5.0300.



This preview shows how white text looks on a background with the YIQ color 154.2360, 40.4380,

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

154.2360, 40.4380, 5.0300

Protanopia

152.3850, 14.6730, -7.1110

Deuteranopia

153.4470, 29.2980, -2.3340



Tritanopia

155.9770, 34.3380, 16.4660

Trichromacy



Original Color

154.2360, 40.4380, 5.0300

Protanomaly

152.8100, 23.8420, -2.5740

Deuteranomaly

153.4800, 33.6990, 0.5070

Tritanomaly

155.1250, 36.6770, 12.6210

Monochromacy



Original Color

154.2360, 40.4380, 5.0300

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.0680, 14.4880, 1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2360, 40.4380, 5.0300 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(196, 140, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 118)  
}
```

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(196, 140, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 118) }
```

Border

The CSS property to change the border of an element to YIQ 154.2360, 40.4380, 5.0300 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(196, 140, 118) }
```


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

```
.border{ border-color:rgb(196, 140, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 118);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2360, 40.4380, 5.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 140, 118) }
```

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

```
.background{ background-color: rgb(196,  
140, 118) }
```

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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