

Converting Colors

YIQ(159.4560, 25.0790, 2.5430)

Have a look what the booklet for
YIQ(159.4560, 25.0790, 2.5430)
contains.

YIQ(159.4560, 25.0790, 2.5430)	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(159.4560, 25.0790,
2.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	B99788
RGB	185, 151, 136
RGB Percent	73%, 59%, 53%
CMY	0.2744, 0.4079, 0.4666
CMYK	0.00, 0.18, 0.26, 0.27
HSL	18°, 26%, 63%
HSV	18°, 26%, 73%
XYZ	35.5222, 34.2235, 28.0367
YIQ	159.4560, 25.0790, 2.5430

Conversions

Conversions Part 2

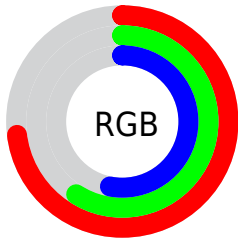
Format	Color
RYB	185, 158, 136
Decimal	12162952
CIELab	65.14, 10.42, 12.66
CIElCh	65, 16.392, 50.548
Yxy	34.2235, 0.3633, 0.3500
Android (android.graphics.Color)	4290353032 (0xFFB99788)
YUV	159.4560, -11.5638, 22.4021
Hunter-Lab	58.5009, 6.0102, 12.5357

Details

The YIQ color **159.4560, 25.0790, 2.5430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161.5440, -25.0790, -2.5430**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.2390, 27.1880, 2.8680**, and **107.6730, 22.9700, 2.2180** is the 20% darker color. If you saturate the color by 10%, you get **149.7730, 34.4320, 3.7440**, and if you desaturate by 10%, it is **169.2530, 15.4050, 1.6530**.

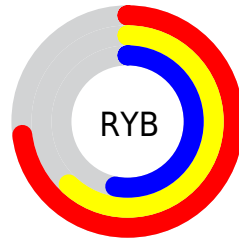
Distribution



Red (73%)

Green (59%)

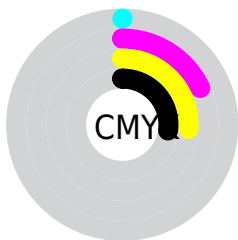
Blue (53%)



Red (73%)

Yellow (62%)

Blue (53%)

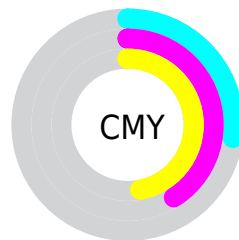


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.4560, 25.0790, 2.5430 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 159.4560, 25.0790, 2.5430 by changing the saturation by 10% instead.


 159.4560, 25.0790,
2.5430


 159.4560, 25.0790,
2.5430


255.0000, -0.0000,
-0.0000

 133.2710, 24.1620,
2.6420


 214.2390, 27.1880,
2.8680


 107.6730, 22.9700,
2.2180


 237.7540, 18.2480,
-0.3120

 83.1890, 21.4570,
2.1050

 253.9740, 2.8890,
-2.7990

 59.7050, 19.9440,
1.9920

 37.9220, 17.8350,
1.6670

 16.3350, 18.1100,
2.1900

 0.0000, 0.0000,

0.0000

■ 159.4560, 25.0790,
2.5430

■ 159.4560, 25.0790,
2.5430

■ 149.7730, 34.4320,
3.7440

■ 169.2530, 15.4050,
1.6530

■ 139.9760, 44.1060,
4.6340

■ 178.9360, 6.0520,
0.4520

■ 130.2930, 53.4590,
5.8350

■ 188.7330, -3.6220,
-0.4380

■ 121.0830, 62.8580,
6.2020

■ 197.8290,
-12.7000, -1.1160

■ 111.4000, 72.2110,
7.4030

■ 207.6260,
-22.3740, -2.0060

■ 101.6030, 81.8850,
8.2930

■ 217.3090,
-31.7270, -3.2070

■ 91.9200, 91.2380,
9.4940

■ 225.8520,
-37.8700, -7.5180

■ 88.7740, 94.5850,
9.4090

■ 233.4830,
-41.4450, -14.3170

■ 234.0700,
-41.7200, -14.8400

Harmonies

Analogous

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



160.2590, 24.4360, 8.6920



159.4560, 25.0790, 2.5430



158.3040, 19.3950, -4.5810

Triad

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



159.4560, 25.0790, 2.5430



152.8570, -19.0710, -12.3110



159.0070, -9.9050, 8.8070

Complementary

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



159.4560, 25.0790, 2.5430



161.5440, -25.0790, -2.5430

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.



156.4890, -23.2460, 2.7860



159.4560, 25.0790, 2.5430



152.7620, -28.9290, -9.8650

Square

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



159.4560, 25.0790, 2.5430



154.5720, -5.0870, -12.4390



153.8530, -30.4430, -4.4510



160.5420, 4.7660, 12.7500

Rectangle

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



159.4560, 25.0790, 2.5430



157.0750, 12.6100, -8.2700



153.8530, -30.4430, -4.4510



158.3160, -15.2690, 6.8990

Sweetspot

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



159.4560, 25.0790, 2.5430



229.6160, 9.9490, 1.4130



154.5270, 18.2900, 20.9620



113.9360, 6.0520, 0.4520



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.4560, 25.0790, 2.5430



199.5240, 39.5670, 4.2950



173.5440, 18.4790, -10.0090



86.8650, 4.8140, 0.8620



74.8200, 79.7760, 7.9680



13.6550, 14.2130, 1.2290

Inverse Universe

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



161.5440, -25.0790, -2.5430



202.8890, -39.2920, -3.7720



147.4560, -18.4790, 10.0090



87.5480, -4.5390, -0.3390



81.1800, -79.7760, -7.9680



14.3450, -14.2130, -1.2290

Previews

White Background



This preview shows how the YIQ color 159.4560, 25.0790, 2.5430 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 159.4560, 25.0790, 2.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

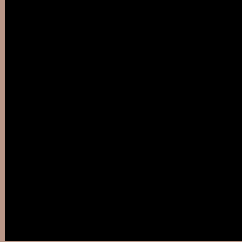
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.4560, 25.0790, 2.5430

Background



This preview shows how black text looks on a background with the YIQ color 159.4560, 25.0790, 2.5430.



This preview shows how white text looks on a background with the YIQ color 159.4560, 25.0790,

2.5430.

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

159.4560, 25.0790, 2.5430

Protanopia

157.9270, 10.2710, -4.4250

Deuteranopia

159.1460, 23.0160, 1.3840



Tritanopia

161.2140, 20.3090, 11.9010

Trichromacy



Original Color

159.4560, 25.0790, 2.5430

Protanomaly

158.1450, 15.5890, -1.6830

Deuteranomaly

159.4450, 23.6120, 1.5960

Tritanomaly

160.5900, 22.0060, 8.6780

Monochromacy



Original Color

159.4560, 25.0790, 2.5430

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0180, 8.7570, 0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4560, 25.0790, 2.5430 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(185, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(185, 151, 136)  
}
```

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(185, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 151, 136) }
```

Border

The CSS property to change the border of an element to YIQ 159.4560, 25.0790, 2.5430 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(185, 151, 136) }
```


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

```
.border{ border-color:rgb(185, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(185, 151,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4560, 25.0790, 2.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 151, 136) }
```

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

```
.background{ background-color: rgb(185,  
151, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor