

Converting Colors

YIQ(151.3560, 39.9800, 2.3160)

Have a look what the booklet for
YIQ(151.3560, 39.9800, 2.3160)
contains.

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Color

**YIQ(151.3560, 39.9800,
2.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8B6F
RGB	191, 139, 111
RGB Percent	75%, 55%, 44%
CMY	0.2509, 0.4550, 0.5645
CMYK	0.00, 0.27, 0.42, 0.25
HSL	21°, 38%, 59%
HSV	21°, 42%, 75%
XYZ	33.5939, 30.6875, 19.2049
YIQ	151.3560, 39.9800, 2.3160

Conversions

Conversions Part 2

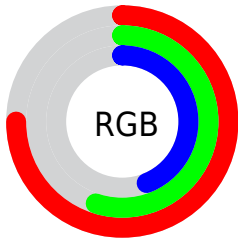
Format	Color
RYB	191, 154, 111
Decimal	12553071
CIELab	62.24, 16.26, 22.74
CIElCh	62, 27.957, 54.427
Yxy	30.6875, 0.4024, 0.3676
Android (android.graphics.Color)	4290743151 (0xFFBF8B6F)
YUV	151.3560, -19.8955, 34.7678
Hunter-Lab	55.3963, 11.3040, 18.2226

Details

The YIQ color **151.3560, 39.9800, 2.3160** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **150.6440, -39.9800, -2.3160**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.3240, 43.0060, 2.5420**, and **99.7900, 35.7620, 1.6660** is the 20% darker color. If you saturate the color by 10%, you get **142.1460, 49.3790, 2.6830**, and if you desaturate by 10%, it is **160.5660, 30.5810, 1.9490**.

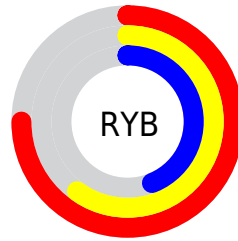
Distribution



Red (75%)

Green (55%)

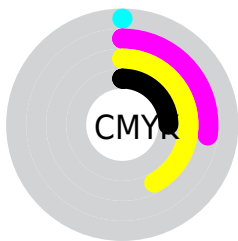
Blue (44%)



Red (75%)

Yellow (60%)

Blue (44%)

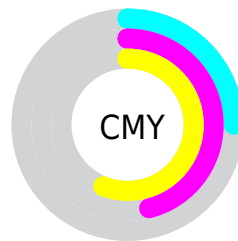


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.3560, 39.9800, 2.3160 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 151.3560, 39.9800, 2.3160 by changing the saturation by 10% instead.


 151.3560, 39.9800,
2.3160


 151.3560, 39.9800,
2.3160


255.0000, -0.0000,
-0.0000


 124.8720, 38.4670,
2.2030


 206.3240, 43.0060,
2.5420


 100.0890, 36.3580,
1.8780


 227.6320, 30.2150,
-2.4330


 75.4200, 33.9280,
1.8640

 247.2600, 13.5270,
-8.3690

 52.3380, 31.2230,
1.3270

 253.9740, 2.8890,
-2.7990

 29.6690, 28.7930,
1.3130

 10.4650, 20.8600,
7.4200

 0.0000, 0.0000,

0.0000

■ 151.3560, 39.9800,
2.3160

■ 151.3560, 39.9800,
2.3160

■ 142.1460, 49.3790,
2.6830

■ 160.5660, 30.5810,
1.9490

■ 132.3490, 59.0530,
3.5730

■ 170.3630, 20.9070,
1.0590

■ 123.1390, 68.4520,
3.9400

■ 179.5730, 11.5080,
0.6920

■ 113.3420, 78.1260,
4.8300

■ 189.3700, 1.8340,
-0.1980

■ 104.1320, 87.5250,
5.1970

■ 198.6940, -7.8860,
-0.2540

■ 96.4380, 95.4110,
5.4510

■ 208.4910,
-17.5600, -1.1440

■ 217.7010,
-26.9590, -1.5110

■ 225.8850,
-33.4690, -4.6770

■ 233.5160,
-37.0440, -11.4760

Harmonies

Analogous

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



152.8050, 40.5740, 13.5820



151.3560, 39.9800, 2.3160



149.2310, 29.6660, -9.0060

Triad

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



151.3560, 39.9800, 2.3160



139.7080, -38.0050, -21.5970



152.1840, -14.5370, 15.6630

Complementary

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



151.3560, 39.9800, 2.3160



150.6440, -39.9800, -2.3160

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.



146.2730, -40.0730, 4.8790



151.3560, 39.9800, 2.3160



136.5780, -57.9500, -18.0620

Square

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



151.3560, 39.9800, 2.3160



143.5830, -12.7880, -21.5560



139.7880, -58.1810, -8.3650



154.1610, 10.6330, 22.0650

Rectangle

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



151.3560, 39.9800, 2.3160



148.0830, 18.1590, -15.2250



139.7880, -58.1810, -8.3650



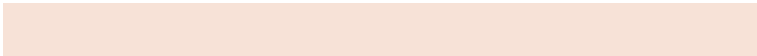
150.6990, -23.4770, 12.4830

Sweetspot

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



151.3560, 39.9800, 2.3160



231.0250, 16.0470, 1.0310



140.9620, 30.6670, 33.4430



115.0890, 9.9950, 0.5790



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.3560, 39.9800, 2.3160



186.0180, 61.4830, 3.5870



174.2490, 29.2550, -18.0810



89.4520, 4.5390, 0.3390



79.5270, 79.0430, 4.7310



15.7260, 15.4510, 0.8190

Inverse Universe

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



150.6440, -39.9800, -2.3160



184.9820, -61.4830, -3.5870



127.7510, -29.2550, 18.0810



89.5480, -4.5390, -0.3390



78.4730, -79.0430, -4.7310



15.2740, -15.4510, -0.8190

Previews

White Background



This preview shows how the YIQ color 151.3560, 39.9800, 2.3160 looks on a white background.

Color Contrast Check

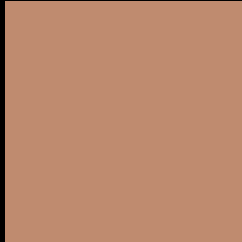
Large Text (above 18pt) WCAG AA × Fail

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 151.3560, 39.9800, 2.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

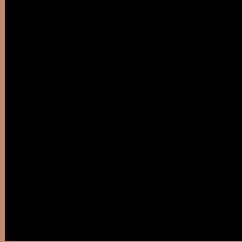
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.3560, 39.9800, 2.3160

Background



This preview shows how black text looks on a background with the YIQ color 151.3560, 39.9800, 2.3160.



This preview shows how white text looks on a background with the YIQ color 151.3560, 39.9800,

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

151.3560, 39.9800, 2.3160

Protanopia

150.0000, 17.1950, -8.7650

Deuteranopia

150.5890, 31.7740, -3.1540



Tritanopia

153.1940, 32.2290, 16.1410

Trichromacy



Original Color

151.3560, 39.9800, 2.3160

Protanomaly

150.7130, 25.4930, -4.9630

Deuteranomaly

150.6110, 34.7080, -1.2600

Tritanomaly

152.7010, 34.9350, 11.1510

Monochromacy



Original Color

151.3560, 39.9800, 2.3160

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.4270, 14.8550, 0.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3560, 39.9800, 2.3160 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(191, 139, 111)` looks like.

```
.text, #text, p{  
    color:rgb(191, 139, 111)  
}
```

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(191, 139, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 139, 111) }
```

Border

The CSS property to change the border of an element to YIQ 151.3560, 39.9800, 2.3160 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(191, 139, 111) }
```


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

```
.border{ border-color:rgb(191, 139, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 139, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 139, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 139, 111);  
box-shadow:4px 4px 4px 4px rgb(191, 139,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3560, 39.9800, 2.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 139, 111) }
```

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

```
.background{ background-color: rgb(191,  
139, 111) }
```

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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