

Converting Colors

YIQ(168.2530, 15.4050, 1.6530)

Have a look what the booklet for
YIQ(168.2530, 15.4050, 1.6530)
contains.

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Color

**YIQ(168.2530, 15.4050,
1.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A39A
RGB	184, 163, 154
RGB Percent	72%, 64%, 60%
CMY	0.2784, 0.3608, 0.3960
CMYK	0.00, 0.11, 0.16, 0.28
HSL	18°, 17%, 66%
HSV	18°, 16%, 72%
XYZ	38.6997, 38.7167, 36.0128
YIQ	168.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

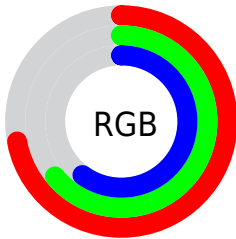
Format	Color
RYB	184, 167, 154
Decimal	12100506
CIELab	68.55, 6.17, 7.46
CIElCh	69, 9.677, 50.394
Yxy	38.7167, 0.3412, 0.3413
Android (android.graphics.Color)	4290290586 (0xFFB8A39A)
YUV	168.2530, -7.0267, 13.8101
Hunter-Lab	62.2227, 2.1291, 9.2405

Details

The YIQ color **168.2530, 15.4050, 1.6530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.7470, -15.4050, -1.6530**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.4380, 16.3220, 1.5540**, and **116.0680, 14.4880, 1.7520** is the 20% darker color. If you saturate the color by 10%, you get **158.5700, 24.7580, 2.8540**, and if you desaturate by 10%, it is **177.9360, 6.0520, 0.4520**.

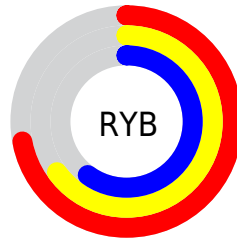
Distribution



Red (72%)

Green (64%)

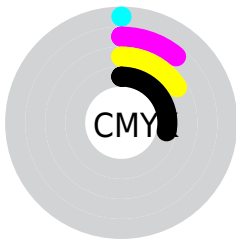
Blue (60%)



Red (72%)

Yellow (65%)

Blue (60%)

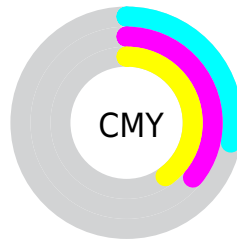


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.2530, 15.4050, 1.6530 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 168.2530, 15.4050, 1.6530 by changing the saturation by 10% instead.


 168.2530, 15.4050,
1.6530

 168.2530, 15.4050,
1.6530


255.0000, -0.0000,
-0.0000


 141.9540, 14.8090,
1.4410


 223.4380, 16.3220,
1.5540


 116.0680, 14.4880,
1.7520

 247.6650, 8.2530,
-0.8910

 91.4700, 13.2960,
1.3280

 68.1710, 12.7000,
1.1160

 45.9860, 11.7830,
1.2150

 24.5730, 11.5080,
0.6920

 0.0000, 0.0000,

0.0000

■ 168.2530, 15.4050,
1.6530

■ 168.2530, 15.4050,
1.6530

■ 158.5700, 24.7580,
2.8540

■ 177.9360, 6.0520,
0.4520

■ 148.7730, 34.4320,
3.7440

■ 187.7330, -3.6220,
-0.4380

■ 139.0900, 43.7850,
4.9450

■ 197.4160,
-12.9750, -1.6390

■ 129.2930, 53.4590,
5.8350

■ 207.2130,
-22.6490, -2.5290

■ 120.1970, 62.5370,
6.5130

■ 216.3090,
-31.7270, -3.2070

■ 110.5140, 71.8900,
7.7140

■ 224.9660,
-38.1910, -7.2070

■ 100.7170, 81.5640,
8.6040

■ 232.5970,
-41.7660, -14.0060

■ 91.0340, 90.9170,
9.8050

■ 233.7710,
-42.3160, -15.0520

■ 87.3010, 94.5390,
10.2430

Harmonies

Analogous

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



168.4750, 14.9000, 5.3000



168.2530, 15.4050, 1.6530



167.4650, 11.6920, -2.6440

Triad

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



168.2530, 15.4050, 1.6530



164.5100, -10.5440, -7.1520



167.9380, -5.4570, 5.2870

Complementary

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



168.2530, 15.4050, 1.6530



169.7470, -15.4050, -1.6530

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.



166.5240, -13.1590, 1.6970



168.2530, 15.4050, 1.6530



164.3400, -15.8170, -5.2010

Square

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



168.2530, 15.4050, 1.6530



165.4030, -2.9330, -7.4210



164.8500, -17.1930, -2.2890



168.5970, 2.9330, 7.4210

Rectangle

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



168.2530, 15.4050, 1.6530



166.8450, 7.5660, -4.9620



164.8500, -17.1930, -2.2890



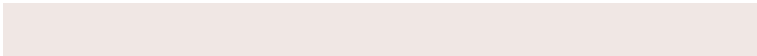
167.4430, -8.4370, 4.2270

Sweetspot

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



168.2530, 15.4050, 1.6530



233.3490, 6.3270, 0.9750



165.4780, 10.8180, 13.2020



116.2670, 3.6220, 0.4380



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.



168.2530, 15.4050, 1.6530



214.5700, 24.7580, 2.8540



177.0580, 11.2800, -6.1920



86.8650, 4.8140, 0.8620



74.2330, 80.0510, 8.4910



13.0680, 14.4880, 1.7520

Inverse Universe

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



169.7470, -15.4050, -1.6530



216.8430, -24.4830, -2.3310



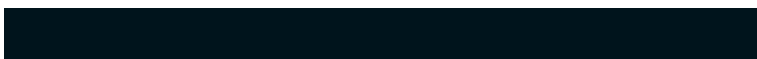
161.5290, -11.5550, 5.6690



87.5480, -4.5390, -0.3390



81.7670, -80.0510, -8.4910



14.9320, -14.4880, -1.7520

Previews

White Background



This preview shows how the YIQ color 168.2530, 15.4050, 1.6530 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 168.2530, 15.4050, 1.6530 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 168.2530, 15.4050, 1.6530

Background



This preview shows how black text looks on a background with the YIQ color 168.2530, 15.4050, 1.6530.



This preview shows how white text looks on a background with the YIQ color 168.2530, 15.4050,

1.6530.

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

168.2530, 15.4050, 1.6530

Protanopia

167.5400, 7.1070, -2.1490

Deuteranopia

168.2750, 18.3390, 3.5470



Tritanopia

169.2560, 11.3230, 9.5550

Trichromacy



Original Color

168.2530, 15.4050, 1.6530

Protanomaly

168.0350, 10.0870, -1.0890

Deuteranomaly

168.5630, 17.4680, 2.8120

Tritanomaly

168.7460, 12.6990, 6.6430

Monochromacy



Original Color

168.2530, 15.4050, 1.6530

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0500, 5.7310, 0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2530, 15.4050, 1.6530 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(184, 163, 154)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 154)  
}
```

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(184, 163, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 154) }
```

Border

The CSS property to change the border of an element to YIQ 168.2530, 15.4050, 1.6530 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(184, 163, 154) }
```


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

```
.border{ border-color:rgb(184, 163, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2530, 15.4050, 1.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 154) }
```

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

```
.background{ background-color: rgb(184,  
163, 154) }
```

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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