

Converting Colors

YIQ(164.7210, 13.8470, -3.1530)

Have a look what the booklet for
YIQ(164.7210, 13.8470, -3.1530)
contains.

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Color

**YIQ(164.7210, 13.8470,
-3.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A390
RGB	176, 163, 144
RGB Percent	69%, 64%, 56%
CMY	0.3098, 0.3608, 0.4352
CMYK	0.00, 0.07, 0.18, 0.31
HSL	36°, 17%, 63%
HSV	36°, 18%, 69%
XYZ	36.0372, 37.4373, 31.7194
YIQ	164.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

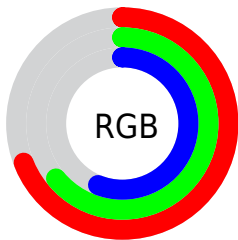
Format	Color
R _Y B	166, 176, 144
Decimal	11576208
CIE Lab	67.60, 1.53, 11.56
CIE LCh	68, 11.663, 82.477
Yxy	37.4373, 0.3426, 0.3559
Android (android.graphics.Color)	4289766288 (0xFFB0A390)
YUV	164.7210, -10.2155, 9.8917
Hunter-Lab	61.1860, -1.9429, 12.0937

Details

The YIQ color **164.7210, 13.8470, -3.1530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.2790, -13.8470, 3.1530**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.9060, 14.7640, -3.2520**, and **112.6500, 12.6090, -2.7430** is the 20% darker color. If you saturate the color by 10%, you get **158.5600, 21.5500, -5.0900**, and if you desaturate by 10%, it is **170.8820, 6.1440, -1.2160**.

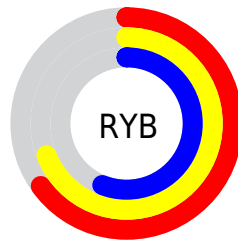
Distribution



Red (69%)

Green (64%)

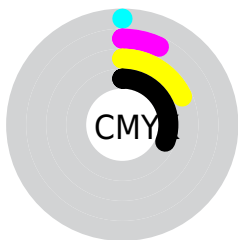
Blue (56%)



Red (65%)

Yellow (69%)

Blue (56%)

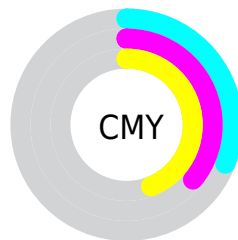


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.7210, 13.8470, -3.1530 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 164.7210, 13.8470, -3.1530 by changing the saturation by 10% instead.


 164.7210, 13.8470,
-3.1530


 164.7210, 13.8470,
-3.1530


255.0000, -0.0000,
-0.0000


 138.4220, 13.2510,
-3.3650


 219.9060, 14.7640,
-3.2520


 112.6500, 12.6090,
-2.7430

 246.4110, 11.7840,
-4.3120

 88.3510, 12.0130,
-2.9550

 65.1660, 11.0960,
-2.8560

 42.9810, 10.1790,
-2.7570

 21.5960, 12.7010,
-4.4110

 0.0000, 0.0000,

0.0000

■ 164.7210, 13.8470,
-3.1530

■ 164.7210, 13.8470,
-3.1530

■ 158.5600, 21.5500,
-5.0900

■ 170.8820, 6.1440,
-1.2160

■ 152.5130, 28.9320,
-6.7160

■ 176.9290, -1.2380,
0.4100

■ 146.3520, 36.6350,
-8.6530

■ 183.0900, -8.9410,
2.3470

■ 139.7180, 44.2920,
-9.7560

■ 189.7240,
-16.5980, 3.4500

■ 133.5570, 51.9950,
-11.6930

■ 195.8850,
-24.3010, 5.3870

■ 127.3960, 59.6980,
-13.6300

■ 202.0460,
-32.0040, 7.3240

■ 121.3490, 67.0800,
-15.2560

■ 206.7250,
-35.5340, 5.2180

■ 115.1880, 74.7830,
-17.1930

■ 210.8340,
-37.4590, 1.5570

■ 113.6720, 76.2960,
-17.0800

■ 214.9430,
-39.3840, -2.1040

Harmonies

Analogous

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



165.8080, 18.1560, 1.3560



164.7210, 13.8470, -3.1530



163.3070, 6.1450, -6.7430

Triad

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



164.7210, 13.8470, -3.1530



161.2470, -19.9890, -6.6850



166.8360, 3.7580, 8.9900

Complementary

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



164.7210, 13.8470, -3.1530



155.2790, -13.8470, 3.1530

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.



165.3940, -6.7410, 6.5310



164.7210, 13.8470, -3.1530



161.9960, -20.5400, -2.2040

Square

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



164.7210, 13.8470, -3.1530



161.6020, -13.7990, -8.7350



163.3820, -15.6350, 2.5170



167.2130, 12.8820, 8.8340

Rectangle

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



164.7210, 13.8470, -3.1530



162.2460, -1.0530, -8.4530



163.3820, -15.6350, 2.5170



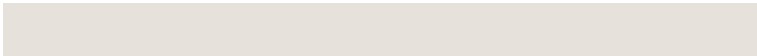
166.4550, 0.4570, 8.2410

Sweetspot

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



164.7210, 13.8470, -3.1530



225.6970, 5.2270, -1.1170



155.0500, 14.8990, 10.8270



112.4410, 3.0720, -0.6080



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



164.7210, 13.8470, -3.1530



211.8590, 22.1460, -4.8780



171.4550, 8.4840, -10.5880



86.2130, 3.7140, -1.2300



99.1640, 66.1630, -15.1570



16.5790, 11.3710, -2.3330

Inverse Universe

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



155.2790, -13.8470, 3.1530



197.1410, -22.1460, 4.8780



148.5450, -8.4840, 10.5880



83.3740, -3.9890, 0.7070



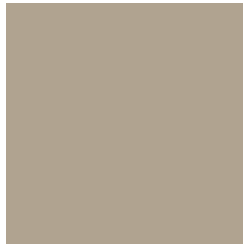
53.8360, -66.1630, 15.1570



8.8340, -11.0960, 2.8560

Previews

White Background



This preview shows how the YIQ color 164.7210, 13.8470, -3.1530 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 164.7210, 13.8470, -3.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

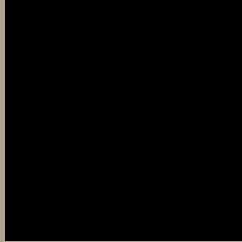
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.7210, 13.8470, -3.1530

Background



This preview shows how black text looks on a background with the YIQ color 164.7210, 13.8470, -3.1530.



This preview shows how white text looks on a background with the YIQ color 164.7210, 13.8470,

-3.1530.

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

164.7210, 13.8470, -3.1530

Protanopia

164.2260, 10.8670, -4.2130

Deuteranopia

166.0750, 21.7780, 1.7940



Tritanopia

166.6470, 8.6640, 8.1840

Trichromacy



Original Color

164.7210, 13.8470, -3.1530

Protanomaly

164.5250, 11.4630, -4.0010

Deuteranomaly

165.4660, 19.1190, 0.4230

Tritanomaly

165.7950, 11.0030, 4.3390

Monochromacy



Original Color

164.7210, 13.8470, -3.1530

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.6970, 5.2270, -1.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7210, 13.8470, -3.1530 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(176, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 144)  
}
```

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(176, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 144) }
```

Border

The CSS property to change the border of an element to YIQ 164.7210, 13.8470, -3.1530 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(176, 163, 144) }
```


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

```
.border{ border-color:rgb(176, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7210, 13.8470, -3.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 144) }
```

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

```
.background{ background-color: rgb(176,  
163, 144) }
```

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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