

Converting Colors

YIQ(144.4620, 51.3050, 0.8170)

Have a look what the booklet for
YIQ(144.4620, 51.3050, 0.8170)
contains.

YIQ(144.4620, 51.3050, 0.8170)	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(144.4620, 51.3050,
0.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	C28259
RGB	194, 130, 89
RGB Percent	76%, 51%, 35%
CMY	0.2391, 0.4903, 0.6507
CMYK	0.00, 0.33, 0.54, 0.24
HSL	23°, 46%, 56%
HSV	23°, 54%, 76%
XYZ	32.0412, 28.1540, 13.2099
YIQ	144.4620, 51.3050, 0.8170

Conversions

Conversions Part 2

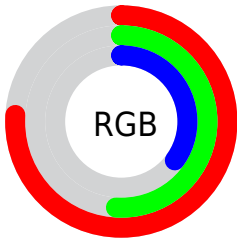
Format	Color
RYB	194, 156, 89
Decimal	12747353
CIELab	60.03, 20.28, 32.07
CIELCh	60, 37.946, 57.695
Yxy	28.1540, 0.4365, 0.3835
Android (android.graphics.Color)	4290937433 (0xFFC28259)
YUV	144.4620, -27.3428, 43.4448
Hunter-Lab	53.0603, 14.9340, 22.3814

Details

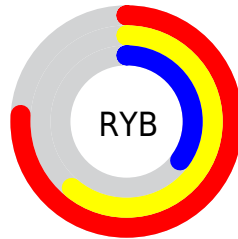
The YIQ color $144.4620, 51.3050, 0.8170$ is a dark color, and the websafe version is hex $CC9966$. The color can be described as middle muted orange. A complement of this color would be $138.5380, -51.3050, -0.8170$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.0280, 55.5230, 1.4670$, and $92.7110, 46.1700, 0.2660$ is the 20% darker color. If you saturate the color by 10%, you get $135.2520, 60.7040, 1.1840$, and if you desaturate by 10%, it is $153.6720, 41.9060, 0.4500$.

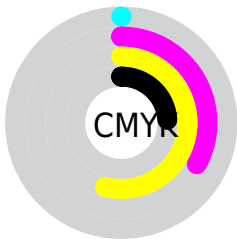
Distribution



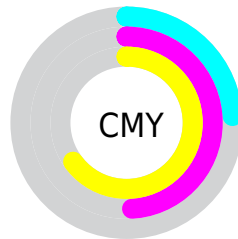
- Red (76%)
- Green (51%)
- Blue (35%)



- Red (76%)
- Yellow (61%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (24%)





- Cyan (24%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.4620, 51.3050, 0.8170 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 144.4620, 51.3050, 0.8170 by changing the saturation by 10% instead.


 144.4620, 51.3050,
0.8170


 144.4620, 51.3050,
0.8170


255.0000, -0.0000,
-0.0000


 118.3800, 48.6000,
0.2800


 199.0280, 55.5230,
1.4670


 92.7110, 46.1700,
0.2660


 219.0260, 40.6690,
-4.6670


 68.6290, 43.4650,
-0.2710


 238.6540, 23.9810,
-10.6030

 44.7750, 40.1180,
-0.1860

 251.2380, 10.5930,
-10.2630

 24.3750, 29.8010,
5.0730

 254.4300, 1.6050,
-1.5550

 10.2800, 19.9430,
7.5190

 0.0000, 0.0000,

0.0000

■ 144.4620, 51.3050,
0.8170

■ 144.4620, 51.3050,
0.8170

■ 135.2520, 60.7040,
1.1840

■ 153.6720, 41.9060,
0.4500

■ 125.9280, 70.4240,
1.2400

■ 162.9960, 32.1860,
0.3940

■ 116.7180, 79.8230,
1.6070

■ 171.6190, 23.0620,
0.5500

■ 107.9810, 89.2680,
1.1400

■ 180.9430, 13.3420,
0.4940

■ 102.6180, 94.7240,
1.3800

■ 190.1530, 3.9430,
0.1270

■ 199.3630, -5.4560,
-0.2400

■ 208.6870,
-15.1760, -0.2960

■ 217.8970,
-24.5750, -0.6630

■ 226.1950,
-31.4060, -3.5180

Harmonies

Analogous

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



145.7420, 54.0530, 17.1010



144.4620, 51.3050, 0.8170



142.3640, 36.3610, -14.7030

Triad

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



144.4620, 51.3050, 0.8170



122.5300, -67.1630, -32.8190



146.7310, -17.3350, 22.3210

Complementary

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



144.4620, 51.3050, 0.8170



138.5380, -51.3050, -0.8170

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.



137.5300, -56.8540, 6.1380



144.4620, 51.3050, 0.8170



115.0440, -100.7250, -30.3010

Square

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



144.4620, 51.3050, 0.8170



133.7510, -22.3690, -29.6410



114.9590, -107.3750, -19.9110



149.0250, 17.1880, 29.9240

Rectangle

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



144.4620, 51.3050, 0.8170



140.1230, 20.6820, -22.4060



114.9590, -107.3750, -19.9110



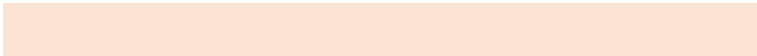
144.4520, -29.8510, 17.8690

Sweetspot

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



144.4620, 51.3050, 0.8170



233.3520, 19.4400, 0.1120



127.8050, 41.7150, 42.4750



116.3450, 12.1500, 0.0700



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.



144.4620, 51.3050, 0.8170



174.6040, 80.1440, 1.2960



174.9860, 37.0050, -26.3790



92.3380, 4.8600, 0.0280



85.1200, 78.6310, 1.1830



17.4980, 16.0930, 0.1970

Inverse Universe

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



138.5380, -51.3050, -0.8170



165.3960, -80.1440, -1.2960



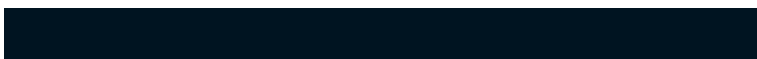
108.0140, -37.0050, 26.3790



91.6620, -4.8600, -0.0280



75.8800, -78.6310, -1.1830



15.5020, -16.0930, -0.1970

Previews

White Background



This preview shows how the YIQ color 144.4620, 51.3050, 0.8170 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 144.4620, 51.3050, 0.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

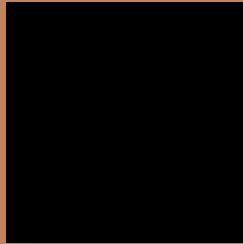
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.4620, 51.3050, 0.8170

Background



This preview shows how black text looks on a background with the YIQ color 144.4620, 51.3050, 0.8170.



This preview shows how white text looks on a background with the YIQ color 144.4620, 51.3050,

0.8170.

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

144.4620, 51.3050, 0.8170

Protanopia

143.1870, 23.7980, -12.7940

Deuteranopia

143.5480, 39.0190, -7.8050



Tritanopia

146.9670, 40.2980, 18.5860

Trichromacy



Original Color

144.4620, 51.3050, 0.8170

Protanomaly

143.9110, 33.5630, -8.0450

Deuteranomaly

143.9940, 43.6950, -4.4410

Tritanomaly

146.0180, 44.2880, 12.3520

Monochromacy



Original Color

144.4620, 51.3050, 0.8170

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.1670, 18.5230, 0.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.4620, 51.3050, 0.8170 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(194, 130, 89)` looks like.

```
.text, #text, p{  
    color:rgb(194, 130, 89)  
}
```

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(194, 130, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 89) }
```

Border

The CSS property to change the border of an element to YIQ 144.4620, 51.3050, 0.8170 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(194, 130, 89) }
```


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

```
.border{ border-color:rgb(194, 130, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 130, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 130, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 130, 89);  
box-shadow:4px 4px 4px 4px rgb(194, 130,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 144.4620, 51.3050, 0.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 89) }
```

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

```
.background{ background-color: rgb(194,  
130, 89) }
```

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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