

Converting Colors

YIQ(151.8620, 44.4270, 4.3230)

Have a look what the booklet for
YIQ(151.8620, 44.4270, 4.3230)
contains.

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Color

**YIQ(151.8620, 44.4270,
4.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	C5896E
RGB	197, 137, 110
RGB Percent	77%, 54%, 43%
CMY	0.2273, 0.4628, 0.5684
CMYK	0.00, 0.30, 0.44, 0.23
HSL	19°, 43%, 60%
HSV	19°, 44%, 77%
XYZ	34.7936, 30.8857, 18.8939
YIQ	151.8620, 44.4270, 4.3230

Conversions

Conversions Part 2

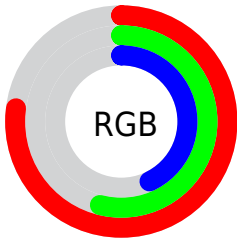
Format	Color
R_{YB}	197, 149, 110
Decimal	12945774
CIE _{Lab}	62.41, 19.70, 23.64
CIE _{LCh}	62, 30.769, 50.194
Yxy	30.8857, 0.4114, 0.3652
Android (android.graphics.Color)	4291135854 (0xFFC5896E)
YUV	151.8620, -20.6380, 39.5860
Hunter-Lab	55.5749, 14.4971, 18.7455

Details

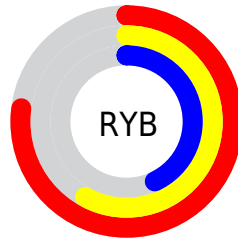
The YIQ color **151.8620, 44.4270, 4.3230** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **155.1380, -44.4270, -4.3230**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.8300, 47.4530, 4.5490**, and **100.2960, 40.2090, 3.6730** is the 20% darker color. If you saturate the color by 10%, you get **141.3640, 54.6970, 5.4250**, and if you desaturate by 10%, it is **162.3600, 34.1570, 3.2210**.

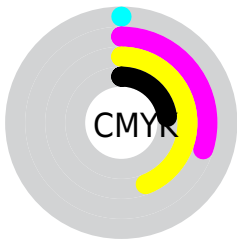
Distribution



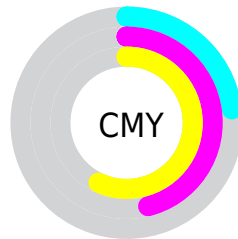
- Red (77%)
- Green (54%)
- Blue (43%)



- Red (77%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (23%)





- Cyan (23%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.8620, 44.4270, 4.3230 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 151.8620, 44.4270, 4.3230 by changing the saturation by 10% instead.


 151.8620, 44.4270,
4.3230


 151.8620, 44.4270,
4.3230


255.0000, -0.0000,
-0.0000


 125.4920, 42.5930,
4.5210


 206.8300, 47.4530,
4.5490


 100.2960, 40.2090,
3.6730


 226.3440, 31.0860,
-1.6980


 75.6270, 37.7790,
3.6590

 245.9720, 14.3980,
-7.6340

 52.2460, 34.4780,
2.9100

 253.8600, 3.2100,
-3.1100

 29.6910, 31.7270,
3.2070

 11.3620, 22.6480,
8.0560

 0.0000, 0.0000,

0.0000

151.8620, 44.4270,
4.3230

151.8620, 44.4270,
4.3230

141.3640, 54.6970,
5.4250

162.3600, 34.1570,
3.2210

131.5670, 64.3710,
6.3150

172.1570, 24.4830,
2.3310

121.0690, 74.6410,
7.4170

182.6550, 14.2130,
1.2290

111.1580, 84.6360,
7.9960

192.5660, 4.2180,
0.6500

100.7740, 94.5850,
9.4090

203.0640, -6.0520,
-0.4520

94.7100, 100.6370,
9.8610

213.4480,
-16.0010, -1.8650

■ 223.3590,
-25.9960, -2.4440

■ 232.3750,
-32.0930, -7.5890

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



153.3540, 43.4620, 16.3100



151.8620, 44.4270, 4.3230



149.9820, 34.8010, -8.4550

Triad

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



151.8620, 44.4270, 4.3230



138.6430, -39.3800, -24.2120



151.7750, -20.6350, 16.0450

Complementary

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



151.8620, 44.4270, 4.3230



155.1380, -44.4270, -4.3230

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.



144.4290, -49.3800, 2.8440



151.8620, 44.4270, 4.3230



134.0500, -65.3310, -21.9630

Square

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



151.8620, 44.4270, 4.3230



143.7850, -10.5410, -23.7330



136.1070, -69.5050, -12.3930



154.5460, 8.1110, 23.7190

Rectangle

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



151.8620, 44.4270, 4.3230



148.1220, 22.4230, -15.4090



136.1070, -69.5050, -12.3930



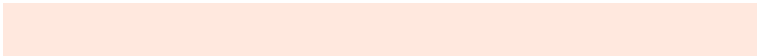
149.5780, -30.4460, 12.1300

Sweetspot

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



151.8620, 44.4270, 4.3230



237.7370, 16.9180, 1.7660



142.9670, 32.2710, 37.4150



116.8010, 10.8660, 1.3140



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.



151.8620, 44.4270, 4.3230



185.0190, 68.9100, 6.6540



177.1030, 32.6020, -18.1660



94.4520, 4.5390, 0.3390



78.6740, 83.1230, 7.8830



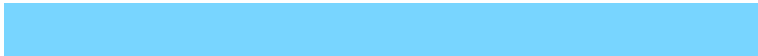
17.2210, 18.4310, 1.8790

Inverse Universe

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



155.1380, -44.4270, -4.3230



189.9810, -68.9100, -6.6540



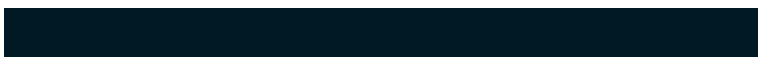
129.8970, -32.6020, 18.1660



94.5480, -4.5390, -0.3390



84.9130, -83.3980, -8.4060



18.7790, -18.4310, -1.8790

Previews

White Background



This preview shows how the YIQ color 151.8620, 44.4270, 4.3230 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 151.8620, 44.4270, 4.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

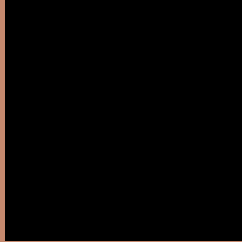
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.8620, 44.4270, 4.3230

Background



This preview shows how black text looks on a background with the YIQ color 151.8620, 44.4270, 4.3230.



This preview shows how white text looks on a background with the YIQ color 151.8620, 44.4270,

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

151.8620, 44.4270, 4.3230

Protanopia

150.0000, 17.1950, -8.7650

Deuteranopia

151.3610, 32.4160, -3.7760



Tritanopia

154.1730, 36.7220, 17.3140

Trichromacy



Original Color

151.8620, 44.4270, 4.3230

Protanomaly

150.7240, 26.9600, -4.0160

Deuteranomaly

151.3940, 36.8170, -0.9350

Tritanomaly

153.0930, 39.7030, 12.8470

Monochromacy



Original Color

151.8620, 44.4270, 4.3230

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1390, 15.7260, 1.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.8620, 44.4270, 4.3230 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(197, 137, 110)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 110)  
}
```

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(197, 137, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 110) }
```

Border

The CSS property to change the border of an element to YIQ 151.8620, 44.4270, 4.3230 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(197, 137, 110) }
```


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

```
.border{ border-color:rgb(197, 137, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 137, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 137, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 137, 110);  
box-shadow:4px 4px 4px 4px rgb(197, 137,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 151.8620, 44.4270, 4.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 110) }
```

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

```
.background{ background-color: rgb(197,  
137, 110) }
```

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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