

Converting Colors

YIQ(154.3060, 60.6120, 2.8520)

Have a look what the booklet for
YIQ(154.3060, 60.6120, 2.8520)
contains.

YIQ(154.3060, 60.6120, 2.8520)	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(154.3060, 60.6120,
2.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	D6885C
RGB	214, 136, 92
RGB Percent	84%, 53%, 36%
CMY	0.1606, 0.4668, 0.6389
CMYK	0.00, 0.36, 0.57, 0.16
HSL	22°, 60%, 60%
HSV	22°, 57%, 84%
XYZ	38.4777, 32.6752, 14.4202
YIQ	154.3060, 60.6120, 2.8520

Conversions

Conversions Part 2

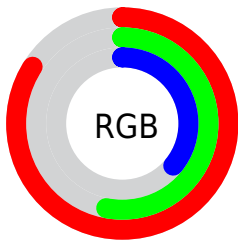
Format	Color
RYB	214, 161, 92
Decimal	14059612
CIELab	63.90, 25.50, 35.81
CIElCh	64, 43.957, 54.549
Yxy	32.6752, 0.4496, 0.3818
Android (android.graphics.Color)	4292249692 (0xFFD6885C)
YUV	154.3060, -30.7169, 52.3516
Hunter-Lab	57.1622, 20.1201, 25.0566

Details

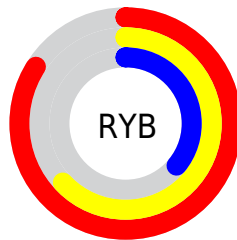
The YIQ color **154.3060, 60.6120, 2.8520** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **151.6940, -60.6120, -2.8520**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0770, 53.8270, -0.8370**, and **101.2560, 54.8810, 2.0890** is the 20% darker color. If you saturate the color by 10%, you get **143.6940, 71.2030, 3.6430**, and if you desaturate by 10%, it is **164.9180, 50.0210, 2.0610**.

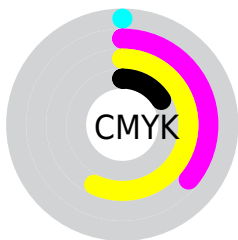
Distribution



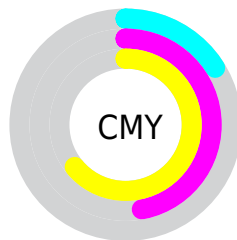
- Red (84%)
- Green (53%)
- Blue (36%)



- Red (84%)
- Yellow (63%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.3060, 60.6120, 2.8520 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 154.3060, 60.6120, 2.8520 by changing the saturation by 10% instead.


 154.3060, 60.6120,
2.8520


 154.3060, 60.6120,
2.8520


255.0000, -0.0000,
-0.0000


 127.6370, 58.1820,
2.8380


 204.0770, 53.8270,
-0.8370

 101.3700, 54.5600,
2.4000


 223.5910, 37.4600,
-7.0840

 76.8750, 51.5800,
1.3400


 243.1050, 21.0930,
-13.3310

 51.9070, 48.5540,
1.1140

 251.6940, 9.3090,
-9.0190

 30.9200, 38.5120,
6.8960

254.8860, 0.3210,
-0.3110

 13.7540, 27.4160,
9.7520

 0.0000, 0.0000,

0.0000

154.3060, 60.6120,
2.8520

154.3060, 60.6120,
2.8520

143.6940, 71.2030,
3.6430

164.9180, 50.0210,
2.0610

133.5550, 81.8400,
3.6000

175.0570, 39.3840,
2.1040

122.9430, 92.4310,
4.3910

185.6690, 28.7930,
1.3130

112.2170,
103.3430, 4.8710

196.3950, 17.8810,
0.8330

109.1850,
106.3690, 5.0970

206.4200, 7.5650,
0.5650

217.0320, -3.0260,
-0.2260

■ 227.7580,
-13.9380, -0.7060

■ 237.4580,
-21.9610, -3.9850

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



155.9820, 62.3050, 21.7370



154.3060, 60.6120, 2.8520



151.9150, 44.9350, -15.9050

Triad

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



154.3060, 60.6120, 2.8520



124.4520, -84.8590, -42.5150



156.0060, -25.3590, 24.5690

Complementary

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



154.3060, 60.6120, 2.8520



151.6940, -60.6120, -2.8520

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.



142.1840, -76.4310, 3.0010



154.3060, 60.6120, 2.8520



123.9290, -107.8310, -33.6790

Square

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



154.3060, 60.6120, 2.8520



141.7030, -22.4140, -34.3340



124.6420, -116.7280, -21.1120



159.3010, 16.5910, 35.2390

Rectangle

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



154.3060, 60.6120, 2.8520



149.8370, 27.2390, -25.6010



124.6420, -116.7280, -21.1120



152.9330, -41.4510, 18.8450

Sweetspot

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



154.3060, 60.6120, 2.8520



233.6620, 21.5030, 1.2710



137.4840, 47.3530, 50.4330



115.0570, 13.0210, 0.8050



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.



154.3060, 60.6120, 2.8520



170.1210, 86.0580, 4.2500



189.5260, 44.1120, -28.5280



101.6370, 5.4560, 0.2400



86.9360, 85.1410, 4.3490



22.2490, 21.2280, 0.7480

Inverse Universe

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



151.6940, -60.6120, -2.8520



166.8790, -86.0580, -4.2500



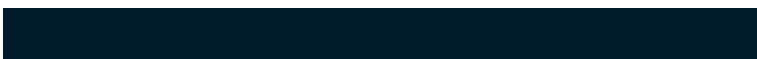
116.4740, -44.1120, 28.5280



101.3630, -5.4560, -0.2400



83.4770, -84.8660, -3.8260



21.3380, -21.5030, -1.2710

Previews

White Background



This preview shows how the YIQ color 154.3060, 60.6120, 2.8520 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 154.3060, 60.6120, 2.8520 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 154.3060, 60.6120, 2.8520

Background



This preview shows how black text looks on a background with the YIQ color 154.3060, 60.6120, 2.8520.



This preview shows how white text looks on a background with the YIQ color 154.3060, 60.6120,

2.8520.

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

154.3060, 60.6120, 2.8520

Protanopia

152.8020, 26.3200, -14.4480

Deuteranopia

153.6470, 43.0540, -9.3460



Tritanopia

157.1530, 48.6420, 21.5540

Trichromacy



Original Color

154.3060, 60.6120, 2.8520

Protanomaly

153.1350, 38.7440, -8.3280

Deuteranomaly

154.1040, 49.1970, -5.0350

Tritanomaly

156.0900, 52.9530, 15.0090

Monochromacy



Original Color

154.3060, 60.6120, 2.8520

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8470, 22.4200, 1.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3060, 60.6120, 2.8520 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(214, 136, 92)` looks like.

```
.text, #text, p{  
    color:rgb(214, 136, 92)  
}
```

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(214, 136, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 136, 92) }
```

Border

The CSS property to change the border of an element to YIQ 154.3060, 60.6120, 2.8520 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(214, 136, 92) }
```


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

```
.border{ border-color:rgb(214, 136, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 136, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 136, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 136, 92);  
box-shadow:4px 4px 4px 4px rgb(214, 136,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3060, 60.6120, 2.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 136, 92) }
```

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

```
.background{ background-color: rgb(214,  
136, 92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor