

Converting Colors

YIQ(154.7600, 36.4470, 16.7910)

Have a look what the booklet for
YIQ(154.7600, 36.4470, 16.7910)
contains.

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Color

**YIQ(154.7600, 36.4470,
16.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	C8868F
RGB	200, 134, 143
RGB Percent	78%, 53%, 56%
CMY	0.2155, 0.4746, 0.4391
CMYK	0.00, 0.33, 0.28, 0.22
HSL	352°, 38%, 65%
HSV	352°, 33%, 78%
XYZ	37.3123, 31.3118, 30.0778
YIQ	154.7600, 36.4470, 16.7910

Conversions

Conversions Part 2

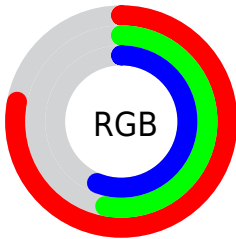
Format	Color
R _Y B	200, 134, 143
Decimal	13141647
CIE Lab	62.77, 26.58, 5.56
CIE LCh	63, 27.156, 11.806
Yxy	31.3118, 0.3780, 0.3172
Android (android.graphics.Color)	4291331727 (0xFFC8868F)
YUV	154.7600, -5.7977, 39.6755
Hunter-Lab	55.9570, 21.0998, 7.3006

Details

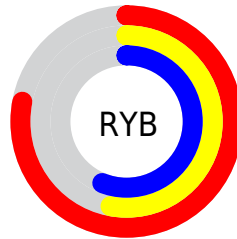
The YIQ color $154.7600, 36.4470, 16.7910$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $179.2400, -36.4470, -16.7910$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $209.0590, 37.0430, 17.0030$, and $102.3790, 33.1460, 16.0420$ is the 20% darker color. If you saturate the color by 10%, you get $141.0820, 47.4040, 21.9640$, and if you desaturate by 10%, it is $168.4380, 25.4900, 11.6180$.

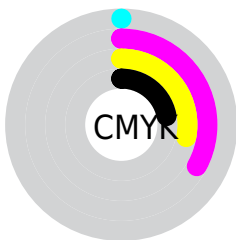
Distribution



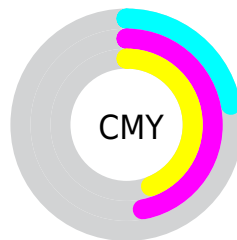
- Red (78%)
- Green (53%)
- Blue (56%)



- Red (78%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.7600, 36.4470, 16.7910 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 154.7600, 36.4470, 16.7910 by changing the saturation by 10% instead.


 154.7600, 36.4470,
16.7910


 154.7600, 36.4470,
16.7910


255.0000, -0.0000,
-0.0000


 128.1620, 35.2550,
16.3670


 209.0590, 37.0430,
17.0030


 102.3790, 33.1460,
16.0420


 228.6870, 20.3550,
11.0670

 77.7810, 31.9540,
15.6180

 248.3150, 3.6670,
5.1310

 53.9980, 29.8450,
15.2930

 30.3290, 27.4150,
15.2790

 13.4550, 26.8200,
9.5400

 0.0000, 0.0000,

0.0000

154.7600, 36.4470,
16.7910

154.7600, 36.4470,
16.7910

141.0820, 47.4040,
21.9640

168.4380, 25.4900,
11.6180

127.4040, 58.3610,
27.1370

182.2300, 14.2120,
6.7560

113.6120, 69.6390,
31.9990

195.9080, 3.2550,
1.5830

99.9340, 80.5960,
37.1720

209.5860, -7.7020,
-3.5900

86.2560, 91.5530,
42.3450

223.2640,
-18.6590, -8.7630

72.4640, 102.8310,
47.2070

237.0560,
-29.9370, -13.6250

■ 62.8780, 110.5330,
50.7970

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



155.6800, 22.2330, 21.0890



154.7600, 36.4470, 16.7910



153.7030, 40.6210, 7.2210

Triad

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



154.7600, 36.4470, 16.7910



146.4980, -2.2430, -19.9310



145.1040, -47.0870, -0.1670

Complementary

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



154.7600, 36.4470, 16.7910



179.2400, -36.4470, -16.7910

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.



139.5660, -57.6760, -12.0120



154.7600, 36.4470, 16.7910



142.8680, -26.7720, -21.4280

Square

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



154.7600, 36.4470, 16.7910



149.2080, 19.3050, -13.9670



139.4280, -48.7800, -19.0520



151.6880, -24.9440, 11.5360

Rectangle

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



154.7600, 36.4470, 16.7910



152.6930, 37.4130, -0.7230



139.4280, -48.7800, -19.0520



142.9460, -52.6340, -4.2660

Sweetspot

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



154.7600, 36.4470, 16.7910



237.8170, 13.9370, 6.2330



158.2680, 12.1900, 32.3980



117.0120, 8.8940, 4.0140



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.



154.7600, 36.4470, 16.7910



185.0940, 56.2980, 25.9780



167.2350, 33.0110, 1.9630



92.8050, 5.0430, 2.2190



51.2450, 90.0860, 41.3980



11.3340, 19.8510, 9.1870

Inverse Universe

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



154.7600, 36.4470, 16.7910



185.0940, 56.2980, 25.9780



166.7650, -33.0110, -1.9630



92.8050, 5.0430, 2.2190



51.2450, 90.0860, 41.3980



11.3340, 19.8510, 9.1870

Previews

White Background



This preview shows how the YIQ color 154.7600, 36.4470, 16.7910 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 154.7600, 36.4470, 16.7910 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 154.7600, 36.4470, 16.7910

Background



This preview shows how black text looks on a background with the YIQ color 154.7600, 36.4470, 16.7910.



This preview shows how white text looks on a background with the YIQ color 154.7600, 36.4470,

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

154.7600, 36.4470, 16.7910

Protanopia

152.4240, 1.7420, 1.4700

Deuteranopia

153.4920, 16.2300, 3.2220



Tritanopia

154.8740, 36.1260, 17.1020

Trichromacy



Original Color

154.7600, 36.4470, 16.7910

Protanomaly

153.2300, 14.2120, 6.7560

Deuteranomaly

153.9600, 23.8400, 8.4800

Tritanomaly

154.8740, 36.1260, 17.1020

Monochromacy



Original Color

154.7600, 36.4470, 16.7910

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.6320, 13.0200, 6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7600, 36.4470, 16.7910 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(200, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 143)  
}
```

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(200, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 143) }
```

Border

The CSS property to change the border of an element to YIQ 154.7600, 36.4470, 16.7910 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(200, 134, 143) }
```


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

```
.border{ border-color:rgb(200, 134, 143) }
```

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

Here you see how a box with a 4 pixel rgb(200, 134, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7600, 36.4470, 16.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 134, 143) }
```

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

```
.background{ background-color: rgb(200,  
134, 143) }
```

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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