

Converting Colors

YIQ(154.3620, 22.6480, 8.0560)

Have a look what the booklet for
YIQ(154.3620, 22.6480, 8.0560)
contains.

YIQ(154.3620, 22.6480, 8.0560)	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(154.3620, 22.6480,
8.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	B58F8F
RGB	181, 143, 143
RGB Percent	71%, 56%, 56%
CMY	0.2901, 0.4393, 0.4391
CMYK	0.00, 0.21, 0.21, 0.29
HSL	360°, 20%, 64%
HSV	360°, 21%, 71%
XYZ	33.8412, 31.4505, 30.2826
YIQ	154.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

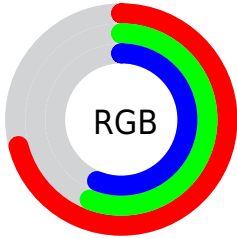
Format	Color
R _Y B	181, 143, 143
Decimal	11898767
CIE Lab	62.89, 14.36, 5.46
CIE LCh	63, 15.360, 20.827
Yxy	31.4505, 0.3541, 0.3291
Android (android.graphics.Color)	4290088847 (0xFFB58F8F)
YUV	154.3620, -5.6015, 23.3615
Hunter-Lab	56.0808, 9.5721, 7.2410

Details

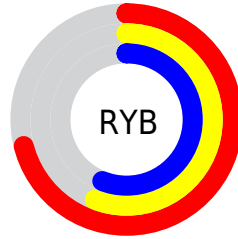
The YIQ color $154.3620, 22.6480, 8.0560$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $169.6380, -22.6480, -8.0560$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $208.9600, 23.8400, 8.4800$, and $103.1660, 20.2640, 7.2080$ is the 20% darker color. If you saturate the color by 10%, you get $141.7440, 33.3760, 11.8720$, and if you desaturate by 10%, it is $166.9800, 11.9200, 4.2400$.

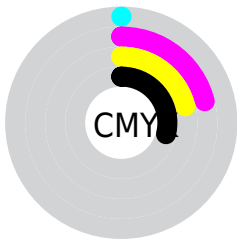
Distribution



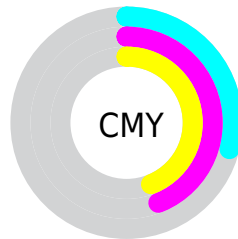
- Red (71%)
- Green (56%)
- Blue (56%)



- Red (71%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.3620, 22.6480, 8.0560 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 154.3620, 22.6480, 8.0560 by changing the saturation by 10% instead.


 154.3620, 22.6480,
8.0560

 154.3620, 22.6480,
8.0560


255.0000, -0.0000,
-0.0000


 128.0630, 22.0520,
7.8440


 208.9600, 23.8400,
8.4800


 103.1660, 20.2640,
7.2080


 233.9700, 17.8800,
6.3600

 78.8670, 19.6680,
6.9960

 254.1850, 0.9170,
-0.0990

 55.3830, 18.1550,
6.8830

 33.7850, 16.9630,
6.4590

 10.1660, 20.2640,
7.2080

 0.0000, 0.0000,

0.0000

154.3620, 22.6480,
8.0560

154.3620, 22.6480,
8.0560

141.7440, 33.3760,
11.8720

166.9800, 11.9200,
4.2400

129.1260, 44.1040,
15.6880

179.5980, 1.1920,
0.4240

116.5080, 54.8320,
19.5040

192.2160, -9.5360,
-3.3920

103.8900, 65.5600,
23.3200

204.8340,
-20.2640, -7.2080

90.6850, 76.5630,
27.6590

218.0390,
-31.2670, -11.5470

78.0670, 87.2910,
31.4750

230.7710,
-42.3160, -15.0520

■ 65.3350, 98.3400,
34.9800

■ 232.8740,
-44.1040, -15.6880

■ 54.1190, 107.8760,
38.3720

Harmonies

Analogous

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



154.7620, 15.7700, 11.5620



154.3620, 22.6480, 8.0560



153.6730, 22.9700, 2.2180

Triad

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



154.3620, 22.6480, 8.0560



149.0990, -5.1330, -11.6050



150.8590, -21.4120, 2.5880

Complementary

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



154.3620, 22.6480, 8.0560



169.6380, -22.6480, -8.0560

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.



148.0490, -28.0590, -3.6030



154.3620, 22.6480, 8.0560



147.4550, -17.8790, -11.8870

Square

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



154.3620, 22.6480, 8.0560



150.6230, 8.0710, -8.6090



146.9580, -26.5450, -9.0170



152.7790, -9.2630, 8.1850

Rectangle

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



154.3620, 22.6480, 8.0560



152.4830, 20.4490, -1.6550



146.9580, -26.5450, -9.0170



149.7230, -24.0250, 0.3830

Sweetspot

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



154.3620, 22.6480, 8.0560



225.1860, 8.3440, 2.9680



158.3950, 9.8540, 19.6620



111.3920, 4.7680, 1.6960



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



154.3620, 22.6480, 8.0560



193.6410, 35.1640, 12.5080



164.9280, 17.6980, -1.3580



82.6910, 5.3640, 1.9080



45.7470, 91.1880, 32.4360



7.7740, 15.4960, 5.5120

Inverse Universe

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



154.3620, 22.6480, 8.0560



193.6410, 35.1640, 12.5080



159.0720, -17.6980, 1.3580



82.6910, 5.3640, 1.9080



45.7470, 91.1880, 32.4360



7.7740, 15.4960, 5.5120

Previews

White Background



This preview shows how the YIQ color 154.3620, 22.6480, 8.0560 looks on a white background.

Color Contrast Check

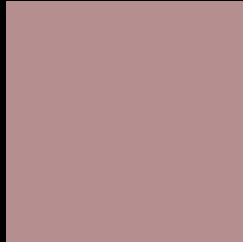
Large Text (above 18pt) WCAG AA × Fail

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 154.3620, 22.6480, 8.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

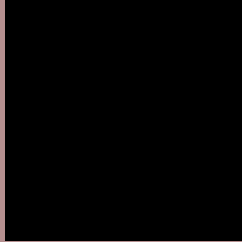
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.3620, 22.6480, 8.0560

Background



This preview shows how black text looks on a background with the YIQ color 154.3620, 22.6480, 8.0560.



This preview shows how white text looks on a background with the YIQ color 154.3620, 22.6480,

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

154.3620, 22.6480, 8.0560

Protanopia

152.7400, 3.6680, -0.3960

Deuteranopia

153.6060, 15.9090, 3.5330



Tritanopia

155.1000, 20.6300, 11.5900

Trichromacy



Original Color

154.3620, 22.6480, 8.0560

Protanomaly

153.4420, 10.4990, 2.4590

Deuteranomaly

154.2150, 18.5680, 4.9040

Tritanomaly

154.7580, 21.5930, 10.6570

Monochromacy



Original Color

154.3620, 22.6480, 8.0560

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1860, 8.3440, 2.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3620, 22.6480, 8.0560 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(181, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 143, 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(181, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 143, 143) }
```

Border

The CSS property to change the border of an element to YIQ 154.3620, 22.6480, 8.0560 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(181, 143, 143) }
```


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

```
.border{ border-color:rgb(181, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 143,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3620, 22.6480, 8.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 143, 143) }
```

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

```
.background{ background-color: rgb(181,  
143, 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](#).

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