

Converting Colors

`RYB(154, 154, 144)`

Have a look what the booklet for
RYB(154, 154, 144) contains.

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Color

R_YB(154, 154, 144)

Conversions

Conversions Part 1

Format	Color
Hex	9A9590
RGB	154, 149, 144
RGB Percent	60%, 58%, 56%
CMY	0.3961, 0.4157, 0.4353
CMYK	0.00, 0.03, 0.06, 0.40
HSL	30°, 5%, 58%
HSV	30°, 6%, 60%
XYZ	29.1079, 30.3785, 30.7150
YIQ	149.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

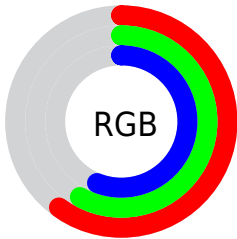
Format	Color
RYB	154, 154, 144
Decimal	10130832
CIELab	61.98, 0.91, 3.28
CIELCh	62, 3.402, 74.563
Yxy	30.3785, 0.3227, 0.3368
Android (android.graphics.Color)	4288320912 (0xFF9A9590)
YUV	149.9250, -2.9210, 3.5738
Hunter-Lab	55.1167, -2.1859, 5.5410

Details

The RYB color **154, 154, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 147, 154**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **208, 208, 198**, and **103, 101, 94** is the 20% darker color. If you saturate the color by 10%, you get **154, 152, 129**, and if you desaturate by 10%, it is **154, 156, 159**.

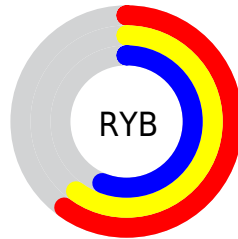
Distribution



Red (60%)

Green (58%)

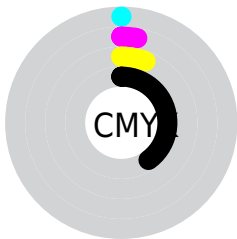
Blue (56%)



Red (60%)

Yellow (60%)

Blue (56%)

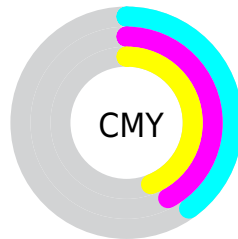


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (40%)



Cyan (40%)


Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 154, 144 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 RYB color 154, 154, 144 by changing the saturation by 10% instead.


 154, 154, 144

255, 255, 255

 208, 208, 198

 237, 235, 226

254, 255, 254

 154, 154, 144

 128, 128, 118

 103, 101, 94


 77, 79, 70

 56, 56, 48


 35, 35, 27

 13, 11, 0


 0, 0, 0

 154, 154, 144

 154, 152, 129


 154, 154, 144

 154, 156, 159

 152, 154, 113


 154, 161, 175

 154, 154, 98

 154, 166, 190

 154, 154, 82

 154, 171, 206

 152, 154, 67


 154, 176, 221

 154, 154, 52

 154, 181, 236

 154, 154, 36

 154, 187, 252

 154, 152, 21

 154, 190, 255

 152, 154, 5

 154, 193, 255

Harmonies

Analogous

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



156, 149, 146



154, 154, 144



145, 151, 144

Triad

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



154, 154, 144



143, 148, 152



152, 149, 154

Complementary

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



154, 154, 144



144, 147, 154

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.



149, 149, 156



154, 154, 144



143, 148, 154

Square

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



154, 154, 144



144, 148, 151



145, 148, 155



155, 148, 151

Rectangle

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



154, 154, 144



145, 151, 148



145, 148, 155



151, 149, 155

Sweetspot

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



154, 154, 144



201, 201, 197



154, 144, 149



102, 102, 100



230, 230, 230



102, 102, 102

Same Dimension

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



154, 154, 144



201, 201, 185



144, 154, 144



77, 77, 69



140, 140, 0



13, 11, 0

Inverse Universe

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



144, 147, 154



185, 190, 201



144, 144, 154



69, 72, 77



0, 47, 140



0, 4, 13

Previews

White Background



This preview shows how the RYB color 154, 154, 144 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 RYB color 154, 154, 144 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

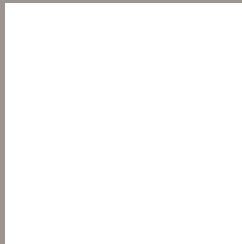
Any Text WCAG AAA ✓ Pass

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

RYB 154, 154, 144 Background



This preview shows how black text looks on a background with the RYB color 154, 154, 144.



This preview shows how white text looks on a background with the RYB color 154, 154, 144.

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, 154, 144

Protanopia

154, 154, 144

Deuteranopia

166, 145, 145



Tritanopia
156, 147, 158

Trichromacy



Original Color

154, 154, 144

Protanomaly

154, 154, 144

Deuteranomaly

162, 146, 145

Tritanomaly

155, 148, 153

Monochromacy



Original Color

154, 154, 144

Achromatopsia

150, 150, 150

Achromatomaly

150, 151, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 149, 144 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(154, 149, 144) looks like.

```
.text, #text, p{  
    color:rgb(154, 149, 144)  
}
```

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(154, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 144) }
```

Border

The CSS property to change the border of an element to RYB 154, 154, 144 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(154, 149, 144) }
```

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

```
.border{ border-color:rgb(154, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 154, 154, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 144) }
```

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

```
.background{ background-color: rgb(154,  
149, 144) }
```

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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