

Converting Colors

`RYB(142, 142, 144)`

Have a look what the booklet for
RYB(142, 142, 144) contains.

RYB(142, 142, 144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

R_YB(142, 142, 144)

Conversions

Conversions Part 1

Format	Color
Hex	8E8E90
RGB	142, 142, 144
RGB Percent	56%, 56%, 56%
CMY	0.4431, 0.4431, 0.4353
CMYK	0.01, 0.01, 0.00, 0.44
HSL	240°, 1%, 56%
HSV	240°, 1%, 56%
XYZ	25.8624, 27.1104, 30.2553
YIQ	142.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
R_{YB}	142, 142, 144
Decimal	9342608
CIE _{Lab}	59.08, 0.40, -1.07
CIE _{LCh}	59, 1.139, 290.352
Yxy	27.1104, 0.3107, 0.3257
Android (android.graphics.Color)	4287532688 (0xFF8E8E90)
YUV	142.2280, 0.8736, -0.2000
Hunter-Lab	52.0676, -2.4562, 1.9953

Details

The RYB color `142, 142, 144` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `142, 144, 142`, and the grayscale version is `142, 142, 142`.

A 20% lighter version of the original color is `196, 196, 198`, and `92, 92, 94` is the 20% darker color. If you saturate the color by 10%, you get `128, 128, 144`, and if you desaturate by 10%, it is `144, 156, 144`.

Distribution



Red (56%)

Green (56%)

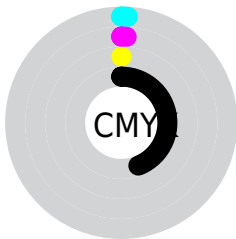
Blue (56%)



Red (56%)

Yellow (56%)

Blue (56%)

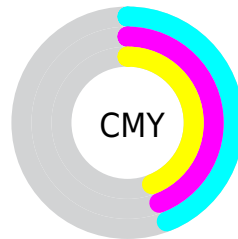


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 142, 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 142, 142, 144 by changing the saturation by 10% instead.


 142, 142, 144

255, 255, 255

 196, 196, 198

 224, 224, 226

 252, 252, 254

 142, 142, 144

 116, 116, 118

 92, 92, 94

 68, 68, 70

 46, 46, 48

 26, 26, 27

 0, 0, 0


 142, 142, 144

 128, 128, 144

 113, 113, 144

 142, 142, 144

 144, 156, 144

 144, 171, 144

■ 99, 99, 144

■ 144, 185, 144

■ 84, 84, 144

■ 144, 200, 144

■ 70, 70, 144

■ 144, 214, 144

■ 56, 56, 144

■ 144, 228, 144

■ 41, 41, 144

■ 144, 243, 144

■ 27, 27, 144

■ 144, 255, 144

■ 12, 12, 144

Harmonies

Analogous

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



141, 142, 144



142, 142, 144



143, 142, 143

Triad

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



142, 142, 144



144, 143, 141



140, 142, 143

Complementary

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



142, 142, 144



142, 144, 142

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.



141, 143, 143



142, 142, 144



142, 143, 140

Square

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



142, 142, 144



144, 143, 141



140, 142, 140



140, 142, 143

Rectangle

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



142, 142, 144



144, 142, 143



140, 142, 140



140, 142, 143

Sweetspot

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



142, 142, 144



186, 186, 186



142, 143, 144



94, 94, 94



222, 222, 222

Same Dimension

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



142, 142, 144



182, 182, 186



143, 142, 144



70, 70, 71



0, 0, 135



0, 0, 8

Inverse Universe

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



144, 142, 144



186, 182, 186



142, 144, 143



71, 70, 71



135, 0, 135



8, 0, 8

Previews

White Background



This preview shows how the RYB color 142, 142, 144 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 142, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

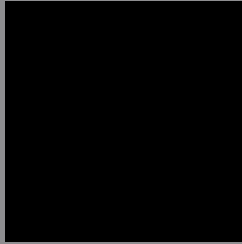
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 142, 142, 144 Background



This preview shows how black text looks on a background with the RYB color 142, 142, 144.



This preview shows how white text looks on a background with the RYB color 142, 142, 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


142, 142, 144

Protanopia

144, 141, 144

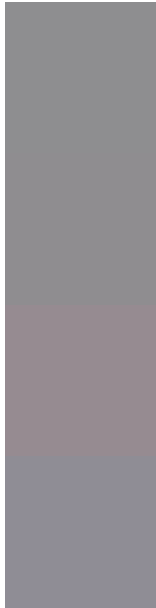
Deuteranopia

155, 138, 145



Tritanopia
143, 141, 152

Trichromacy



Original Color

142, 142, 144

Protanomaly

143, 141, 144

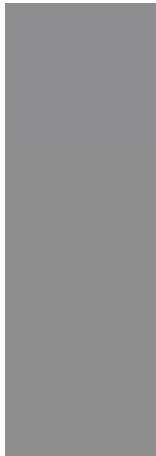
Deuteranomaly

150, 139, 145

Tritanomaly

143, 141, 149

Monochromacy



Original Color

142, 142, 144

Achromatopsia

142, 142, 142

Achromatomaly

142, 142, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 142, 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(142, 142, 144) looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 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(142, 142, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 144) }
```

Border

The CSS property to change the border of an element to RYB 142, 142, 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(142, 142, 144) }
```

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

```
.border{ border-color:rgb(142, 142, 144) }
```

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

Here you see how a box with a 4 pixel rgb(142, 142, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 142, 142, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 144) }
```

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

```
.background{ background-color: rgb(142,  
142, 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](#).

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