

Converting Colors

`RYB(160, 114, 114)`

Have a look what the booklet for
RYB(160, 114, 114) contains.

RYB(160, 114, 114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(160, 114, 114)

Conversions

Conversions Part 1

Format	Color
Hex	A07272
RGB	160, 114, 114
RGB Percent	63%, 45%, 45%
CMY	0.3725, 0.5529, 0.5529
CMYK	0.00, 0.29, 0.29, 0.37
HSL	0°, 19%, 54%
HSV	0°, 29%, 63%
XYZ	23.5518, 20.7231, 18.6782
YIQ	127.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

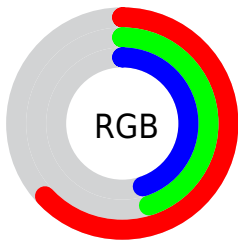
Format	Color
R_{YB}	160, 114, 114
Decimal	10515058
CIE _{Lab}	52.65, 18.17, 7.23
CIE _{LCh}	53, 19.550, 21.692
Yxy	20.7231, 0.3741, 0.3292
Android (android.graphics.Color)	4288705138 (0xFFA07272)
YUV	127.7540, -6.7807, 28.2797
Hunter-Lab	45.5226, 12.6848, 7.5388

Details

The RYB color **160, 114, 114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114, 137, 160**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **216, 166, 166**, and **107, 66, 66** is the 20% darker color. If you saturate the color by 10%, you get **160, 98, 98**, and if you desaturate by 10%, it is **160, 130, 130**.

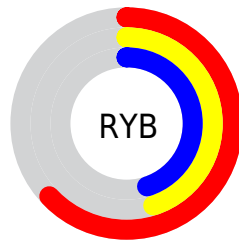
Distribution



Red (63%)

Green (45%)

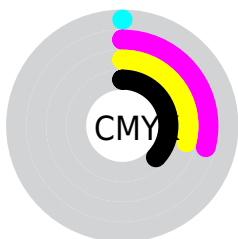
Blue (45%)



Red (63%)

Yellow (45%)

Blue (45%)

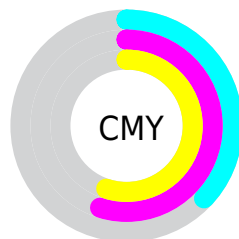


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (37%)



Cyan (37%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 114, 114 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 160, 114, 114 by changing the saturation by 10% instead.

 160, 114, 114

 160, 114, 114

255, 255, 255

 133, 89, 90

 216, 166, 166

 107, 66, 66

 245, 193, 193

 82, 43, 44


 255, 221, 221


 58, 21, 24

 255, 250, 249


 37, 0, 0

 0, 0, 0


 160, 114, 114

 160, 114, 114

 160, 98, 98

 160, 130, 130


 160, 82, 82

 160, 146, 146


 160, 66, 66

 160, 161, 162


 160, 50, 50

 160, 169, 178


 160, 34, 34

 160, 177, 194

 160, 18, 18

 160, 185, 210

 160, 2, 2

 160, 193, 226

 160, 0, 0

 160, 201, 242

 160, 208, 255

Harmonies

Analogous

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



156, 114, 131



160, 114, 114



155, 127, 100

Triad

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



160, 114, 114



104, 133, 131



99, 119, 158

Complementary

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



160, 114, 114



114, 137, 160

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.



81, 111, 151



160, 114, 114



88, 116, 135

Square

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



160, 114, 114



94, 128, 97



77, 106, 137



122, 123, 157

Rectangle

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



160, 114, 114



145, 147, 94



77, 106, 137



92, 116, 157

Sweetspot

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



160, 114, 114



209, 190, 190



160, 114, 160



105, 93, 93



232, 232, 232



105, 105, 105

Same Dimension

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



160, 114, 114



209, 136, 136



160, 160, 114



79, 71, 71



143, 0, 0



15, 0, 0

Inverse Universe

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



114, 137, 160



136, 173, 209



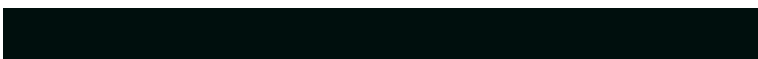
114, 129, 160



71, 75, 79



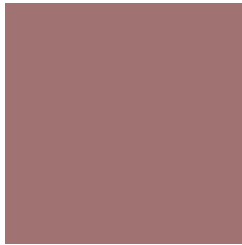
0, 72, 143



0, 8, 15

Previews

White Background



This preview shows how the RYB color 160, 114, 114 looks on a white background.

Color Contrast Check

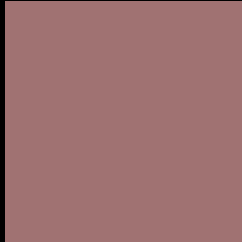
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 114, 114 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 160, 114, 114 Background



This preview shows how black text looks on a background with the RYB color 160, 114, 114.



This preview shows how white text looks on a background with the RYB color 160, 114, 114.

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
160, 114, 114

Protanopia
130, 130, 120

Deuteranopia
143, 124, 113



Tritanopia
161, 113, 121

Trichromacy



Original Color

160, 114, 114

Protanomaly

141, 121, 118

Deuteranomaly

149, 119, 113

Tritanomaly

161, 113, 118

Monochromacy



Original Color

160, 114, 114

Achromatopsia

128, 128, 128

Achromatomaly

140, 123, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 114, 114 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(160, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(160, 114, 114)  
}
```

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(160, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 114, 114) }
```

Border

The CSS property to change the border of an element to RYB 160, 114, 114 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(160, 114, 114) }
```

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

```
.border{ border-color:rgb(160, 114, 114) }
```

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

Here you see how a box with a 4 pixel rgb(160, 114, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(160, 114,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 160, 114, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 114, 114) }
```

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

```
.background{ background-color: rgb(160,  
114, 114) }
```

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