

Converting Colors

`RYB(140, 113, 113)`

Have a look what the booklet for
RYB(140, 113, 113) contains.

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Color

R_YB(140, 113, 113)

Conversions

Conversions Part 1

Format	Color
Hex	8C7171
RGB	140, 113, 113
RGB Percent	55%, 44%, 44%
CMY	0.4510, 0.5569, 0.5569
CMYK	0.00, 0.19, 0.19, 0.45
HSL	0°, 11%, 50%
HSV	0°, 19%, 55%
XYZ	19.7010, 18.5780, 18.1703
YIQ	121.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

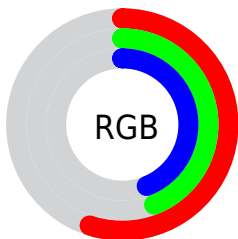
Format	Color
R_{YB}	140, 113, 113
Decimal	9204081
CIE _{Lab}	50.19, 10.60, 4.01
CIE _{LCh}	50, 11.338, 20.709
Yxy	18.5780, 0.3490, 0.3291
Android (android.graphics.Color)	4287394161 (0xFF8C7171)
YUV	121.0730, -3.9800, 16.5990
Hunter-Lab	43.1022, 6.1594, 5.1770

Details

The RYB color **140, 113, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113, 127, 140**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **194, 165, 165**, and **89, 65, 65** is the 20% darker color. If you saturate the color by 10%, you get **140, 99, 99**, and if you desaturate by 10%, it is **140, 127, 127**.

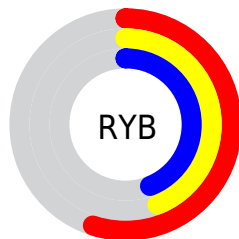
Distribution



Red (55%)

Green (44%)

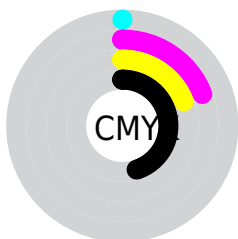
Blue (44%)



Red (55%)

Yellow (44%)

Blue (44%)

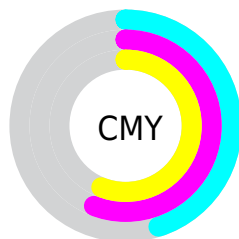


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (45%)



Cyan (45%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the RYB color 140, 113, 113 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 140, 113, 113 by changing the saturation by 10% instead.

 140, 113, 113


 140, 113, 113

255, 255, 255

 114, 88, 89

 194, 165, 165

 89, 65, 65

 222, 192, 192

 66, 43, 43


 251, 220, 220


 43, 22, 23

 255, 248, 248


 23, 0, 0

 0, 0, 0


 140, 113, 113

 140, 113, 113

 140, 99, 99

 140, 127, 127

 140, 85, 85

 140, 141, 141

■ 140, 71, 71

■ 140, 148, 155

■ 140, 57, 57

■ 140, 155, 169

■ 140, 43, 43

■ 140, 162, 183

■ 140, 29, 29

■ 140, 169, 197

■ 140, 15, 15

■ 140, 176, 211

■ 140, 1, 1

■ 140, 183, 225

■ 140, 0, 0

■ 140, 190, 239

Harmonies

Analogous

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



137, 113, 123



140, 113, 113



137, 120, 105

Triad

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



140, 113, 113



107, 123, 121



105, 116, 138

Complementary

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



140, 113, 113



113, 127, 140

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.



97, 113, 134



140, 113, 113



99, 115, 125

Square

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



140, 113, 113



101, 121, 102



95, 110, 126



117, 118, 137

Rectangle

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



140, 113, 113



133, 133, 101



95, 110, 126



102, 115, 137

Sweetspot

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



140, 113, 113



181, 170, 170



140, 113, 140



92, 85, 85



219, 219, 219



92, 92, 92

Same Dimension

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



140, 113, 113



181, 139, 139



138, 140, 113



69, 62, 62



133, 0, 0



5, 0, 0

Inverse Universe

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



113, 127, 140



139, 160, 181



113, 122, 140



62, 66, 69



0, 67, 133



0, 3, 5

Previews

White Background



This preview shows how the RYB color 140, 113, 113 looks on a white background.

Color Contrast Check

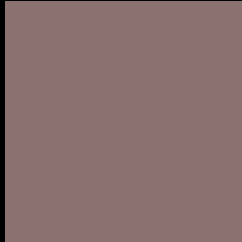
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 113, 113 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 140, 113, 113 Background



This preview shows how black text looks on a background with the RYB color 140, 113, 113.



This preview shows how white text looks on a background with the RYB color 140, 113, 113.

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

140, 113, 113

Protanopia

122, 122, 116

Deuteranopia

134, 115, 113



Tritanopia
141, 112, 121

Trichromacy



Original Color

140, 113, 113

Protanomaly

129, 117, 115

Deuteranomaly

136, 114, 113

Tritanomaly

141, 112, 118

Monochromacy



Original Color

140, 113, 113

Achromatopsia

121, 121, 121

Achromatomaly

128, 118, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 113, 113 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(140, 113, 113) looks like.

```
.text, #text, p{  
    color:rgb(140, 113, 113)  
}
```

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(140, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 113, 113) }
```

Border

The CSS property to change the border of an element to RYB 140, 113, 113 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(140, 113, 113) }
```

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

```
.border{ border-color:rgb(140, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(140, 113,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 140, 113, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 113, 113) }
```

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

```
.background{ background-color: rgb(140,  
113, 113) }
```

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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