

Converting Colors

`RYB(114, 114, 117)`

Have a look what the booklet for
RYB(114, 114, 117) contains.

RYB(114, 114, 117)	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(114, 114, 117)

Conversions

Conversions Part 1

Format	Color
Hex	727275
RGB	114, 114, 117
RGB Percent	45%, 45%, 46%
CMY	0.5529, 0.5529, 0.5412
CMYK	0.03, 0.03, 0.00, 0.54
HSL	240°, 1%, 45%
HSV	240°, 3%, 46%
XYZ	16.1676, 16.8964, 19.2388
YIQ	114.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

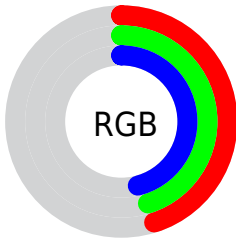
Format	Color
R_{YB}	114, 114, 117
Decimal	7500405
CIE Lab	48.13, 0.62, -1.66
CIE LCh	48, 1.772, 290.439
Yxy	16.8964, 0.3091, 0.3230
Android (android.graphics.Color)	4285690485 (0xFF727275)
YUV	114.3420, 1.3104, -0.2999
Hunter-Lab	41.1052, -1.7260, 1.0236

Details

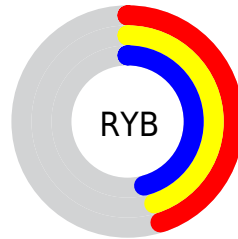
The RYB color **114, 114, 117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114, 117, 114**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **166, 166, 169**, and **66, 66, 69** is the 20% darker color. If you saturate the color by 10%, you get **102, 102, 117**, and if you desaturate by 10%, it is **117, 126, 117**.

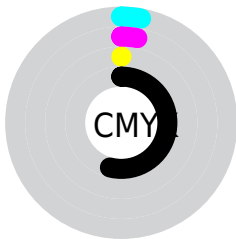
Distribution



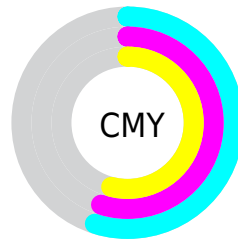
- Red (45%)
- Green (45%)
- Blue (46%)



- Red (45%)
- Yellow (45%)
- Blue (46%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 114, 117 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 114, 114, 117 by changing the saturation by 10% instead.

■ 114, 114, 117

255, 255, 255

■ 166, 166, 169

■ 193, 193, 196

■ 221, 221, 224

■ 249, 249, 253

■ 114, 114, 117

■ 90, 90, 92

■ 66, 66, 69

■ 44, 44, 47

■ 24, 24, 26

■ 0, 0, 0

■ 114, 114, 117

■ 102, 102, 117

■ 91, 91, 117

■ 79, 79, 117

■ 114, 114, 117

■ 117, 126, 117

■ 117, 137, 117

■ 117, 149, 117

■ 67, 67, 117

■ 117, 161, 117

■ 56, 56, 117

■ 117, 173, 117

■ 44, 44, 117

■ 117, 184, 117

■ 32, 32, 117

■ 117, 196, 117

■ 20, 20, 117

■ 117, 208, 117

■ 9, 9, 117

■ 117, 219, 117

Harmonies

Analogous

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



112, 113, 117



114, 114, 117



116, 114, 116

Triad

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



114, 114, 117



117, 115, 112



111, 113, 115

Complementary

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



114, 114, 117



114, 117, 114

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.



112, 115, 114



114, 114, 117



114, 116, 111

Square

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



114, 114, 117



118, 113, 113



111, 114, 111



111, 113, 115

Rectangle

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



114, 114, 117



117, 113, 115



111, 114, 111



112, 114, 115

Sweetspot

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



114, 114, 117



151, 151, 153



114, 116, 117



76, 76, 77



204, 204, 204



77, 77, 77

Same Dimension

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



114, 114, 117



148, 148, 153



116, 114, 117



56, 56, 59



0, 0, 122



0, 0, 250

Inverse Universe

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



117, 114, 117



153, 148, 153



114, 117, 115



59, 56, 59



122, 0, 122



250, 0, 250

Previews

White Background



This preview shows how the RYB color 114, 114, 117 looks on a white background.

Color Contrast Check

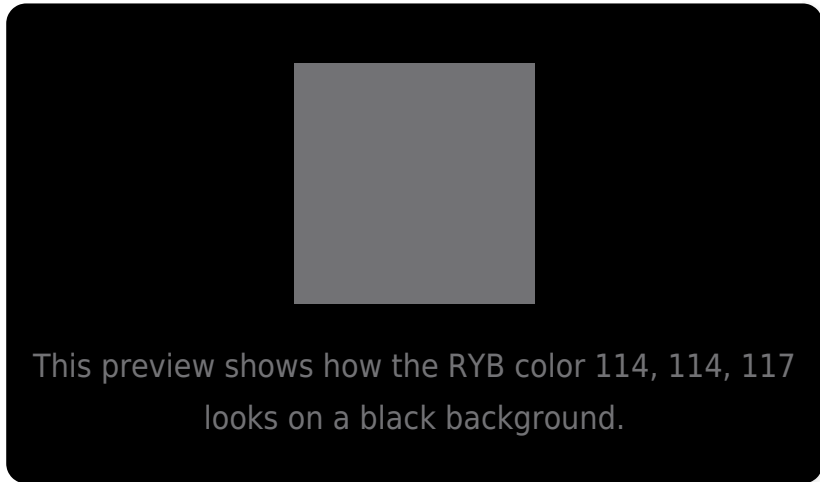
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

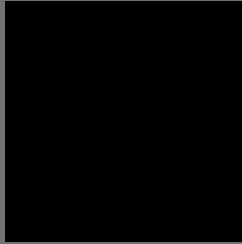
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

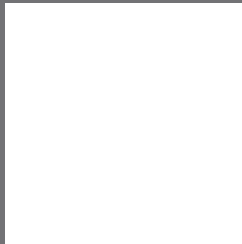
Any Text WCAG AAA × Fail

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

RYB 114, 114, 117 Background



This preview shows how black text looks on a background with the RYB color 114, 114, 117.



This preview shows how white text looks on a background with the RYB color 114, 114, 117.

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


[114](#), [114](#), [117](#)

Protanopia

[115](#), [114](#), [117](#)

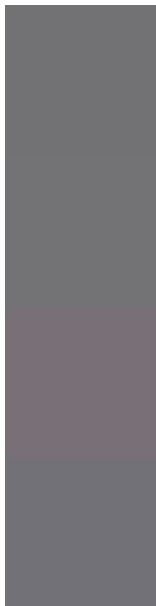
Deuteranopia

[124](#), [111](#), [118](#)



Tritanopia
115, 113, 122

Trichromacy



Original Color

114, 114, 117

Protanomaly

115, 114, 117

Deuteranomaly

120, 112, 118

Tritanomaly

115, 113, 120

Monochromacy



Original Color

114, 114, 117

Achromatopsia

114, 114, 114

Achromatomaly

114, 114, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 114, 117 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(114, 114, 117) looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 117)  
}
```

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(114, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 117) }
```

Border

The CSS property to change the border of an element to RYB 114, 114, 117 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(114, 114, 117) }
```

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

```
.border{ border-color:rgb(114, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(114, 114,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 114, 114, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 117) }
```

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

```
.background{ background-color: rgb(114,  
114, 117) }
```

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