

Converting Colors

`RYB(114, 144, 142)`

Have a look what the booklet for
RYB(114, 144, 142) contains.

RYB(114, 144, 142)	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, 144, 142)

Conversions

Conversions Part 1

Format	Color
Hex	749072
RGB	116, 144, 114
RGB Percent	45%, 56%, 45%
CMY	0.5451, 0.4353, 0.5529
CMYK	0.19, 0.00, 0.21, 0.44
HSL	116°, 12%, 51%
HSV	116°, 21%, 56%
XYZ	20.2130, 24.8744, 19.6555
YIQ	132.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

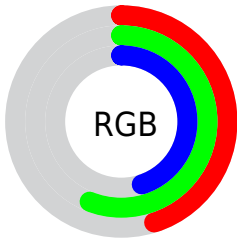
Format	Color
RYB	114, 144, 142
Decimal	7639154
CIELab	56.95, -16.00, 12.75
CIElCh	57, 20.461, 141.463
Yxy	24.8744, 0.3122, 0.3842
Android (android.graphics.Color)	4285829234 (0xFF749072)
YUV	132.2080, -8.9765, -14.2144
Hunter-Lab	49.8743, -14.9377, 11.5457

Details

The RYB color **114, 144, 142** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **142, 114, 144**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **166, 198, 196**, and **66, 94, 93** is the 20% darker color. If you saturate the color by 10%, you get **100, 144, 141**, and if you desaturate by 10%, it is **128, 144, 143**.

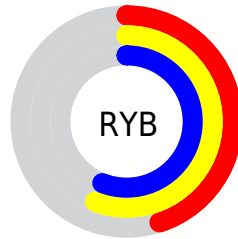
Distribution



Red (45%)

Green (56%)

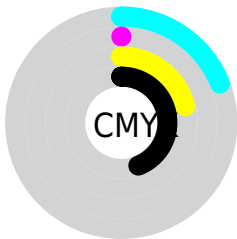
Blue (45%)



Red (45%)

Yellow (56%)

Blue (56%)

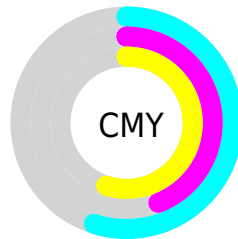


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 144, 142 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, 144, 142 by changing the saturation by 10% instead.

 114, 144, 142

255, 255, 255


 166, 198, 196

 193, 226, 223

 221, 255, 252

 250, 255, 252

 114, 144, 142

 89, 118, 116

 66, 94, 93

 44, 70, 70


 22, 46, 47

 0, 27, 27

 0, 0, 0

 114, 144, 142

 100, 144, 141

 85, 144, 140

 114, 144, 142

 128, 144, 143

 143, 144, 144

■ 71, 144, 139

■ 156, 144, 157

■ 56, 144, 138

■ 170, 144, 172

■ 42, 144, 137

■ 183, 144, 186

■ 28, 144, 137

■ 197, 144, 200

■ 13, 144, 135

■ 210, 144, 215

■ 0, 144, 134

■ 224, 144, 229

■ 237, 144, 244

Harmonies

Analogous

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



103, 140, 107



114, 144, 142



97, 126, 146

Triad

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



114, 144, 142



108, 129, 172



173, 124, 124

Complementary

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



114, 144, 142



142, 114, 144

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.



169, 124, 143



114, 144, 142



133, 134, 170

Square

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



114, 144, 142



89, 121, 164



155, 128, 159



168, 137, 109

Rectangle

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



114, 144, 142



88, 119, 147



155, 128, 159



173, 124, 130

Sweetspot

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



114, 144, 142



175, 186, 185



116, 144, 114



88, 94, 94



222, 222, 222



94, 94, 94

Same Dimension

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



114, 144, 142



140, 186, 183



114, 135, 144



64, 71, 70



0, 135, 126



0, 8, 7

Inverse Universe

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



142, 114, 144



183, 140, 186



144, 114, 131



71, 64, 71



126, 0, 135



7, 0, 8

Previews

White Background



This preview shows how the RYB color 114, 144, 142 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 114, 144, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

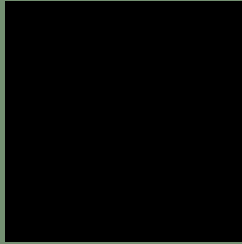
Any Text WCAG AA ✓ Pass

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](#).

R Y B 114, 144, 142 Background



This preview shows how black text looks on a background with the RYB color 114, 144, 142.



This preview shows how white text looks on a background with the RYB color 114, 144, 142.

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, 144, 142

Protanopia
122, 145, 110

Deuteranopia
156, 139, 117



Tritanopia
122, 133, 150

Trichromacy



Original Color

114, 144, 142

Protanomaly

111, 139, 116

Deuteranomaly

122, 141, 116

Tritanomaly

120, 132, 141

Monochromacy



Original Color

114, 144, 142

Achromatopsia

132, 132, 132

Achromatomaly

125, 136, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 144, 142 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(116, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(116, 144, 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(116, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 144, 114) }
```

Border

The CSS property to change the border of an element to RYB 114, 144, 142 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(116, 144, 114) }
```

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

```
.border{ border-color:rgb(116, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(116, 144,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 114, 144, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 144, 114) }
```

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

```
.background{ background-color: rgb(116,  
144, 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](#).

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