

Converting Colors

`RYB(114, 148, 155)`

Have a look what the booklet for
RYB(114, 148, 155) contains.

RYB(114, 148, 155)	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, 148, 155)

Conversions

Conversions Part 1

Format	Color
Hex	729B7A
RGB	114, 155, 122
RGB Percent	45%, 61%, 48%
CMY	0.5529, 0.3922, 0.5198
CMYK	0.26, 0.00, 0.21, 0.39
HSL	132°, 17%, 53%
HSV	132°, 26%, 61%
XYZ	22.2010, 28.4362, 22.8746
YIQ	138.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

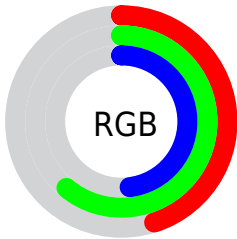
Format	Color
RYB	114, 148, 155
Decimal	7510906
CIELab	60.28, -20.87, 12.62
CIElCh	60, 24.390, 148.829
Yxy	28.4362, 0.3020, 0.3868
Android (android.graphics.Color)	4285700986 (0xFF729B7A)
YUV	138.9790, -8.3706, -21.9066
Hunter-Lab	53.3256, -19.0050, 11.8948

Details

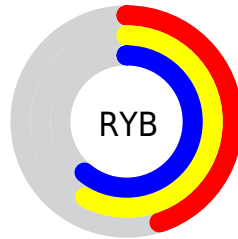
The RYB color **114, 148, 155** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **155, 114, 147**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **167, 204, 210**, and **65, 97, 104** is the 20% darker color. If you saturate the color by 10%, you get **99, 146, 155**, and if you desaturate by 10%, it is **130, 151, 155**.

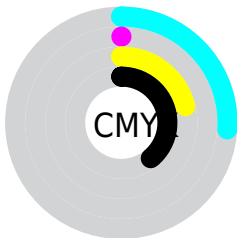
Distribution



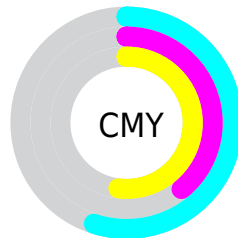
- Red (45%)
- Green (61%)
- Blue (48%)



- Red (45%)
- Yellow (58%)
- Blue (61%)



- Cyan (26%)
- Magenta (0%)
- Yellow (21%)
- Black (39%)




- Cyan (55%)
- Magenta (39%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 148, 155 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, 148, 155 by changing the saturation by 10% instead.

 114, 148, 155


255, 255, 255


 167, 203, 210

 194, 231, 238


 222, 248, 255

 251, 253, 255

 114, 148, 155

 89, 122, 129

 65, 97, 104


 41, 71, 79


 18, 47, 56


 0, 30, 35


 0, 2, 2


 0, 0, 0

 114, 148, 155


 99, 146, 155


 114, 148, 155


 130, 151, 155

 83, 143, 155


 145, 153, 155


 68, 140, 155


 161, 155, 159

 52, 138, 155

 176, 155, 172

 37, 135, 155

 192, 155, 184

 21, 132, 155

 207, 155, 196

 6, 130, 155

 223, 155, 209

 0, 128, 155

 238, 155, 221

 254, 155, 233

Harmonies

Analogous

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



107, 150, 118



114, 148, 155



91, 128, 157

Triad

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



114, 148, 155



117, 139, 188



188, 131, 126

Complementary

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



114, 148, 155



155, 114, 147

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.



186, 130, 147



114, 148, 155



147, 140, 183

Square

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



114, 148, 155



90, 127, 181



172, 133, 168



179, 153, 109

Rectangle

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



114, 148, 155



81, 119, 158



172, 133, 168



189, 130, 132

Sweetspot

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



114, 148, 155



185, 198, 201



114, 155, 122



92, 100, 102



230, 230, 230



102, 102, 102

Same Dimension

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



114, 148, 155



137, 190, 201



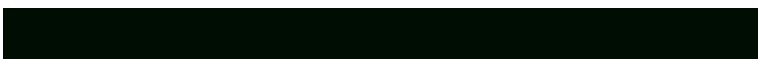
114, 138, 155



69, 76, 77



0, 116, 140



0, 11, 13

Inverse Universe

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



155, 114, 147



201, 137, 188



155, 114, 126



77, 69, 75



140, 0, 111



13, 0, 10

Previews

White Background



This preview shows how the RYB color 114, 148, 155 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, 148, 155 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 114, 148, 155 Background



This preview shows how black text looks on a background with the RYB color 114, 148, 155.




This preview shows how white text looks on a background with the RYB color 114, 148, 155.

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





Tritanopia
121, 138, 162

Trichromacy



Original Color

114, 148, 155

Protanomaly

119, 149, 129

Deuteranomaly

127, 147, 125

Tritanomaly

118, 136, 152

Monochromacy



Original Color

114, 148, 155

Achromatopsia

139, 139, 139

Achromatomaly

130, 143, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 148, 155 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, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 122)  
}
```

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, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 122) }
```

Border

The CSS property to change the border of an element to RYB 114, 148, 155 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, 155, 122) }
```

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

```
.border{ border-color:rgb(114, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 114, 148, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 122) }
```

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

```
.background{ background-color: rgb(114,  
155, 122) }
```

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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