

Converting Colors

`RYB(113, 134, 142)`

Have a look what the booklet for
RYB(113, 134, 142) contains.

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Color

`RYB(113, 134, 142)`

Conversions

Conversions Part 1

Format	Color
Hex	718E7C
RGB	113, 142, 124
RGB Percent	44%, 56%, 49%
CMY	0.5569, 0.4431, 0.5135
CMYK	0.20, 0.00, 0.13, 0.44
HSL	143°, 11%, 50%
HSV	143°, 20%, 56%
XYZ	20.1242, 24.3132, 22.7168
YIQ	131.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

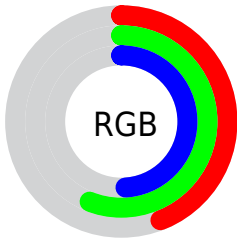
Format	Color
R_{YB}	113, 134, 142
Decimal	7442044
CIE _{Lab}	56.40, -14.06, 6.21
CIE _{LCh}	56, 15.369, 156.179
Yxy	24.3132, 0.2997, 0.3620
Android (android.graphics.Color)	4285632124 (0xFF718E7C)
YUV	131.2770, -3.5876, -16.0289
Hunter-Lab	49.3084, -13.4387, 7.2004

Details

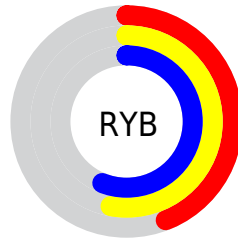
The RYB color **113, 134, 142** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **142, 113, 131**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **165, 187, 196**, and **64, 84, 92** is the 20% darker color. If you saturate the color by 10%, you get **99, 130, 142**, and if you desaturate by 10%, it is **127, 138, 142**.

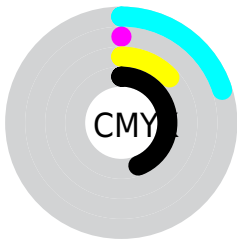
Distribution



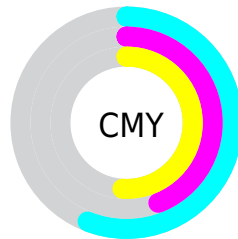
- Red (44%)
- Green (56%)
- Blue (49%)



- Red (44%)
- Yellow (53%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 134, 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 113, 134, 142 by changing the saturation by 10% instead.

 113, 134, 142

255, 255, 255


 165, 187, 196

 192, 215, 224

 220, 243, 252

 249, 252, 255

 113, 134, 142

 88, 108, 116

 64, 84, 92


 42, 60, 68


 20, 38, 46

 0, 20, 26


 0, 0, 0


 113, 134, 142

 99, 130, 142

 85, 127, 142

 113, 134, 142

 127, 138, 142

 141, 142, 142

■ 70, 122, 142

■ 156, 142, 150

■ 56, 118, 142

■ 170, 142, 159

■ 42, 114, 142

■ 184, 142, 168

■ 28, 111, 142

■ 198, 142, 177

■ 14, 107, 142

■ 212, 142, 186

■ 0, 103, 142

■ 227, 142, 194

■ 241, 142, 203

Harmonies

Analogous

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



113, 139, 124



113, 134, 142



102, 124, 143

Triad

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



113, 134, 142



124, 133, 162



162, 128, 120

Complementary

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



113, 134, 142



142, 113, 131

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.



163, 126, 133



113, 134, 142



141, 131, 157

Square

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



113, 134, 142



108, 128, 159



155, 127, 146



155, 148, 111

Rectangle

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



113, 134, 142



99, 122, 146



155, 127, 146



163, 127, 124

Sweetspot

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



113, 134, 142



173, 181, 184



113, 142, 124



85, 90, 92



219, 219, 219



92, 92, 92

Same Dimension

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



113, 134, 142



138, 172, 184



113, 129, 142



64, 69, 71



0, 98, 135



0, 6, 8

Inverse Universe

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



142, 113, 131



184, 138, 166



142, 113, 117



71, 64, 69



135, 0, 84



8, 0, 5

Previews

White Background



This preview shows how the RYB color 113, 134, 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 113, 134, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

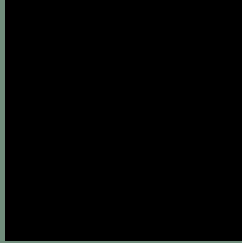
Any Text WCAG AA ✓ Pass

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](#).

RYB 113, 134, 142 Background



This preview shows how black text looks on a background with the RYB color 113, 134, 142.



This preview shows how white text looks on a background with the RYB color 113, 134, 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](#).

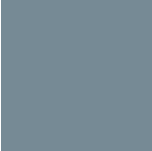
Dichromacy



Original Color
[113](#), [134](#), [142](#)

Protanopia
[131](#), [141](#), [120](#)

Deuteranopia
[151](#), [131](#), [126](#)



Tritanopia
118, 130, 149

Trichromacy



Original Color
113, 134, 142

Protanomaly
121, 137, 127

Deuteranomaly
129, 137, 125

Tritanomaly
116, 128, 140

Monochromacy



Original Color
113, 134, 142

Achromatopsia
131, 131, 131

Achromatomaly
124, 132, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 134, 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(113, 142, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 124)  
}
```

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(113, 142, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 124) }
```

Border

The CSS property to change the border of an element to RYB 113, 134, 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(113, 142, 124) }
```

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

```
.border{ border-color:rgb(113, 142, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 113, 134, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 124) }
```

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

```
.background{ background-color: rgb(113,  
142, 124) }
```

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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