

Converting Colors

`RYB(134, 117, 141)`

Have a look what the booklet for
RYB(134, 117, 141) contains.

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Color

R_YB(134, 117, 141)

Conversions

Conversions Part 1

Format	Color
Hex	86758D
RGB	134, 117, 141
RGB Percent	53%, 46%, 55%
CMY	0.4745, 0.5412, 0.4471
CMYK	0.05, 0.17, 0.00, 0.45
HSL	282°, 10%, 51%
HSV	282°, 17%, 55%
XYZ	21.0005, 19.7140, 27.8976
YIQ	124.8190, 2.4280, 11.0680

Conversions

Conversions Part 2

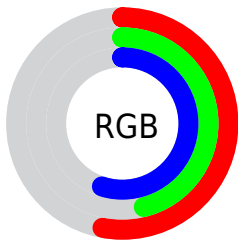
Format	Color
R_{YB}	134, 117, 141
Decimal	8811917
CIE _{Lab}	51.51, 11.27, -10.63
CIE _{LCh}	52, 15.492, 316.687
Yxy	19.7140, 0.3061, 0.2873
Android (android.graphics.Color)	4287001997 (0xFF86758D)
YUV	124.8190, 7.9772, 8.0517
Hunter-Lab	44.4004, 6.7261, -6.1727

Details

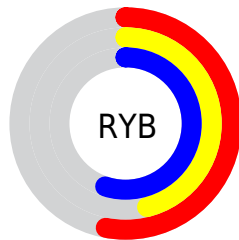
The RYB color **134, 117, 141** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 141, 134**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **187, 169, 195**, and **84, 69, 91** is the 20% darker color. If you saturate the color by 10%, you get **130, 103, 141**, and if you desaturate by 10%, it is **138, 131, 141**.

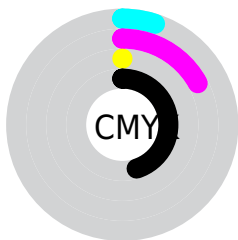
Distribution



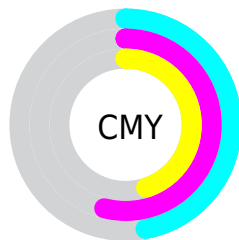
- Red (53%)
- Green (46%)
- Blue (55%)



- Red (53%)
- Yellow (46%)
- Blue (55%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)




- Cyan (47%)
- Magenta (54%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 134, 117, 141 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 134, 117, 141 by changing the saturation by 10% instead.

 134, 117, 141


255, 255, 255

 187, 169, 195

 215, 196, 223


 244, 224, 251

 255, 253, 255

 134, 117, 141

 109, 92, 115


 84, 69, 91

 61, 46, 67

 39, 25, 45

 20, 0, 25


 0, 0, 0


 134, 117, 141

 130, 103, 141

 126, 89, 141

 134, 117, 141

 138, 131, 141

 141, 145, 144

122, 75, 141

141, 159, 154

118, 61, 141

141, 173, 164

113, 46, 141

141, 188, 174

109, 32, 141

141, 202, 184

105, 18, 141

141, 216, 194

101, 4, 141

141, 230, 204

100, 0, 141

141, 244, 214

Harmonies

Analogous

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



117, 121, 148



134, 117, 141



146, 114, 129

Triad

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



134, 117, 141



132, 139, 97



87, 109, 130

Complementary

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



134, 117, 141



117, 141, 134

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.



96, 117, 130



134, 117, 141



98, 125, 97

Square

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



134, 117, 141



148, 121, 104



104, 128, 122



89, 112, 142

Rectangle

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



134, 117, 141



150, 113, 120



104, 128, 122



89, 111, 130

Sweetspot

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



134, 117, 141



181, 174, 184



117, 122, 141



90, 86, 92



219, 219, 219



92, 92, 92

Same Dimension

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



134, 117, 141



173, 147, 184



141, 117, 136



69, 64, 71



96, 0, 135



5, 0, 8

Inverse Universe

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



141, 117, 124



184, 147, 158



117, 137, 141



71, 64, 66



135, 0, 39



8, 0, 2

Previews

White Background



This preview shows how the RYB color 134, 117, 141 looks on a white background.

Color Contrast Check

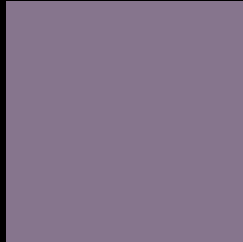
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 117, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

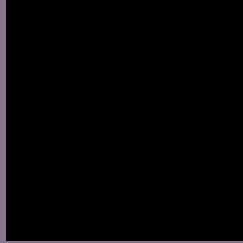
Any Text WCAG AA ✓ Pass

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 134, 117, 141 Background



This preview shows how black text looks on a background with the RYB color 134, 117, 141.



This preview shows how white text looks on a background with the RYB color 134, 117, 141.

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


[134](#), [117](#), [141](#)

Protanopia

[119](#), [122](#), [144](#)

Deuteranopia

[126](#), [120](#), [140](#)



Tritanopia
132, 119, 129

Trichromacy



Original Color
134, 117, 141

Protanomaly
124, 120, 143

Deuteranomaly
129, 119, 140

Tritanomaly
133, 118, 133

Monochromacy



Original Color
134, 117, 141

Achromatopsia
125, 125, 125

Achromatomaly
128, 122, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 117, 141 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(134, 117, 141) looks like.

```
.text, #text, p{  
    color:rgb(134, 117, 141)  
}
```

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(134, 117, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 117, 141) }
```

Border

The CSS property to change the border of an element to RYB 134, 117, 141 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(134, 117, 141) }
```

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

```
.border{ border-color:rgb(134, 117, 141) }
```

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

Here you see how a box with a 4 pixel rgb(134, 117, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 117, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 117, 141);  
box-shadow:4px 4px 4px 4px rgb(134, 117,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 134, 117, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 117, 141) }
```

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

```
.background{ background-color: rgb(134,  
117, 141) }
```

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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