

Converting Colors

`RYB(147, 134, 164)`

Have a look what the booklet for
RYB(147, 134, 164) contains.

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Color

`RYB(147, 134, 164)`

Conversions

Conversions Part 1

Format	Color
Hex	9386A4
RGB	147, 134, 164
RGB Percent	58%, 53%, 64%
CMY	0.4235, 0.4745, 0.3569
CMYK	0.10, 0.18, 0.00, 0.36
HSL	266°, 14%, 58%
HSV	266°, 18%, 64%
XYZ	27.2586, 25.9336, 38.6910
YIQ	141.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

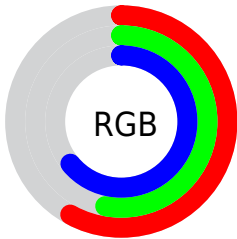
Format	Color
RYB	147, 134, 164
Decimal	9668260
CIELab	57.97, 10.88, -14.12
CIELCh	58, 17.822, 307.610
Yxy	25.9336, 0.2967, 0.2822
Android (android.graphics.Color)	4287858340 (0xFF9386A4)
YUV	141.3070, 11.1876, 4.9928
Hunter-Lab	50.9250, 6.4266, -9.3989

Details

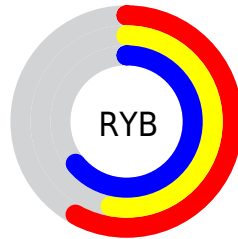
The RYB color **147, 134, 164** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **134, 164, 147**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **201, 187, 219**, and **96, 84, 112** is the 20% darker color. If you saturate the color by 10%, you get **138, 118, 164**, and if you desaturate by 10%, it is **156, 150, 164**.

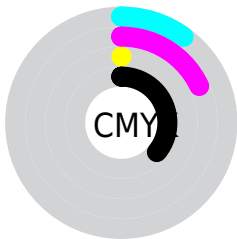
Distribution



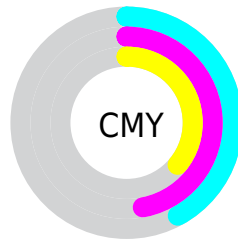
- Red (58%)
- Green (53%)
- Blue (64%)



- Red (58%)
- Yellow (53%)
- Blue (64%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 134, 164 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 147, 134, 164 by changing the saturation by 10% instead.

 147, 134, 164


255, 255, 255

 201, 187, 219

 229, 215, 248

 255, 243, 255

 147, 134, 164

 121, 109, 138

 96, 84, 112


 72, 61, 88

 49, 39, 64

 28, 19, 42


 0, 0, 22

 0, 0, 0

 147, 134, 164

 138, 118, 164

 147, 134, 164

 156, 150, 164

128, 101, 164

164, 167, 165

119, 85, 164

164, 183, 172

110, 68, 164

164, 200, 180

101, 52, 164

164, 216, 187

91, 36, 164

164, 232, 193

82, 19, 164

164, 249, 201

73, 3, 164

164, 255, 198

71, 0, 164

164, 255, 188

Harmonies

Analogous

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



126, 136, 170



147, 134, 164



163, 130, 152

Triad

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



147, 134, 164



162, 153, 111



99, 125, 148

Complementary

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



147, 134, 164



134, 164, 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.



112, 137, 147



147, 134, 164



117, 147, 108

Square

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



147, 134, 164



170, 132, 121



114, 144, 128



97, 124, 158

Rectangle

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



147, 134, 164



169, 128, 141



114, 144, 128



103, 129, 148

Sweetspot

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



147, 134, 164



208, 203, 214



134, 145, 164



103, 101, 107



235, 235, 235



107, 107, 107

Same Dimension

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



147, 134, 164



187, 167, 214



161, 134, 164



77, 73, 82



63, 0, 145



8, 0, 18

Inverse Universe

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



164, 134, 151



214, 167, 194



134, 164, 162



82, 73, 78



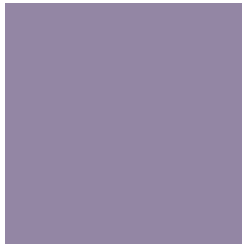
145, 0, 82



18, 0, 10

Previews

White Background



This preview shows how the RYB color 147, 134, 164 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 147, 134, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

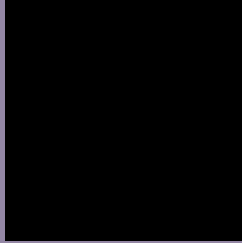
Any Text WCAG AA ✓ Pass

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 147, 134, 164 Background



This preview shows how black text looks on a background with the RYB color 147, 134, 164.



This preview shows how white text looks on a background with the RYB color 147, 134, 164.

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
147, 134, 164

Protanopia
133, 137, 167

Deuteranopia
141, 136, 164



Tritanopia

144, 137, 148

Trichromacy



Original Color

147, 134, 164

Protanomaly

138, 137, 166

Deuteranomaly

143, 135, 164

Tritanomaly

145, 136, 154

Monochromacy



Original Color

147, 134, 164

Achromatopsia

141, 141, 141

Achromatomaly

143, 138, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 134, 164 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(147, 134, 164) looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 164)  
}
```

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(147, 134, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 164) }
```

Border

The CSS property to change the border of an element to RYB 147, 134, 164 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(147, 134, 164) }
```

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

```
.border{ border-color:rgb(147, 134, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 134, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 164);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 147, 134, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 164) }
```

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

```
.background{ background-color: rgb(147,  
134, 164) }
```

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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