

Converting Colors

`RYB(146, 114, 139)`

Have a look what the booklet for
RYB(146, 114, 139) contains.

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Color

R_YB(146, 114, 139)

Conversions

Conversions Part 1

Format	Color
Hex	92728B
RGB	146, 114, 139
RGB Percent	57%, 45%, 55%
CMY	0.4275, 0.5529, 0.4549
CMYK	0.00, 0.22, 0.05, 0.43
HSL	313°, 13%, 51%
HSV	313°, 22%, 57%
XYZ	22.5316, 20.0097, 27.1008
YIQ	126.4180, 11.0470, 14.5590

Conversions

Conversions Part 2

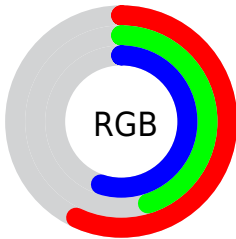
Format	Color
R_{YB}	146, 114, 139
Decimal	9597579
CIE _{Lab}	51.85, 17.00, -8.83
CIE _{LCh}	52, 19.154, 332.558
Yxy	20.0097, 0.3235, 0.2873
Android (android.graphics.Color)	4287787659 (0xFF92728B)
YUV	126.4180, 6.2029, 17.1734
Hunter-Lab	44.7322, 11.6289, -4.6080

Details

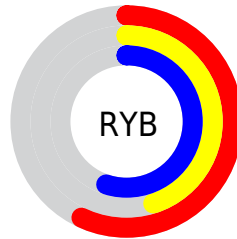
The RYB color **146, 114, 139** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114, 140, 146**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **200, 166, 192**, and **95, 66, 89** is the 20% darker color. If you saturate the color by 10%, you get **146, 99, 136**, and if you desaturate by 10%, it is **146, 129, 142**.

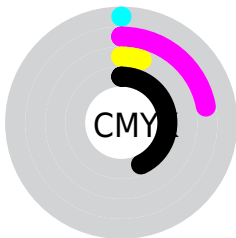
Distribution



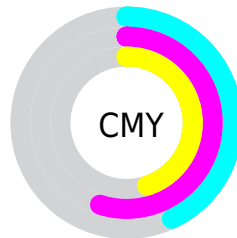
- Red (57%)
- Green (45%)
- Blue (55%)



- Red (57%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (43%)



- Cyan (43%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 114, 139 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 146, 114, 139 by changing the saturation by 10% instead.

 146, 114, 139


255, 255, 255

 200, 166, 192

 228, 193, 220


 255, 221, 249

 255, 250, 255

 146, 114, 139

 120, 89, 114

 95, 66, 89

 71, 43, 66

 48, 22, 44

 29, 0, 23


 0, 0, 0


 146, 114, 139

 146, 99, 136

 146, 85, 133


 146, 114, 139


 146, 129, 142

 146, 143, 145

 146, 70, 129

 146, 156, 158

 146, 56, 126


 146, 167, 172

 146, 41, 123

 146, 180, 187

 146, 26, 120

 146, 192, 202

 146, 12, 117

 146, 204, 216

 146, 0, 114

 146, 215, 231

 146, 227, 245

Harmonies

Analogous

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



128, 119, 151



146, 114, 139



156, 112, 123

Triad

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



146, 114, 139



106, 134, 91



76, 106, 141

Complementary

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



146, 114, 139



114, 140, 146

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.



82, 110, 133



146, 114, 139



96, 128, 108

Square

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



146, 114, 139



149, 132, 95



98, 123, 131



85, 112, 152

Rectangle

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



146, 114, 139



157, 112, 112



98, 123, 131



76, 105, 136

Sweetspot

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



146, 114, 139



189, 175, 186



121, 114, 146



94, 87, 93



222, 222, 222



94, 94, 94

Same Dimension

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



146, 114, 139



189, 140, 178



146, 114, 123



74, 67, 72



138, 0, 108



10, 0, 8

Inverse Universe

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



146, 114, 139



189, 140, 178



114, 133, 146



74, 67, 72



138, 0, 108



10, 0, 8

Previews

White Background



This preview shows how the RYB color 146, 114, 139 looks on a white background.

Color Contrast Check

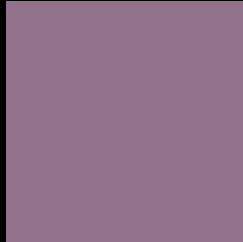
Large Text (above 18pt) WCAG AA ✓ Pass

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 146, 114, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

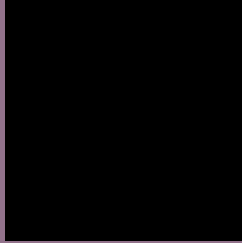
Any Text WCAG AA ✓ Pass

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](#).

RYP 146, 114, 139 Background



This preview shows how black text looks on a background with the RYB color 146, 114, 139.



This preview shows how white text looks on a background with the RYB color 146, 114, 139.

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
146, 114, 139

Protanopia
120, 123, 145

Deuteranopia
129, 120, 138



Tritanopia
144, 116, 125

Trichromacy



Original Color

146, 114, 139

Protanomaly

129, 120, 143

Deuteranomaly

135, 118, 138

Tritanomaly

145, 115, 130

Monochromacy



Original Color

146, 114, 139

Achromatopsia

126, 126, 126

Achromatomaly

133, 122, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 114, 139 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(146, 114, 139) looks like.

```
.text, #text, p{  
    color:rgb(146, 114, 139)  
}
```

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(146, 114, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 114, 139) }
```

Border

The CSS property to change the border of an element to RYB 146, 114, 139 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(146, 114, 139) }
```

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

```
.border{ border-color:rgb(146, 114, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 114, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 114, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 114, 139);  
box-shadow:4px 4px 4px 4px rgb(146, 114,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 146, 114, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 114, 139) }
```

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

```
.background{ background-color: rgb(146,  
114, 139) }
```

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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