

Converting Colors

`RYB(144, 126, 156)`

Have a look what the booklet for
RYB(144, 126, 156) contains.

RYB(144, 126, 156)	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(144, 126, 156)

Conversions

Conversions Part 1

Format	Color
Hex	907E9C
RGB	144, 126, 156
RGB Percent	56%, 49%, 61%
CMY	0.4353, 0.5059, 0.3882
CMYK	0.08, 0.19, 0.00, 0.39
HSL	276°, 13%, 55%
HSV	276°, 19%, 61%
XYZ	24.9632, 23.2513, 34.6247
YIQ	134.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

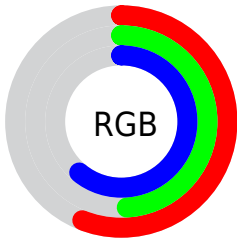
Format	Color
RYB	144, 126, 156
Decimal	9469596
CIELab	55.33, 12.74, -13.53
CIELCh	55, 18.586, 313.288
Yxy	23.2513, 0.3013, 0.2807
Android (android.graphics.Color)	4287659676 (0xFF907E9C)
YUV	134.8020, 10.4506, 8.0666
Hunter-Lab	48.2196, 8.0248, -8.8203

Details

The RYB color **144, 126, 156** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **126, 156, 144**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **198, 179, 211**, and **93, 77, 105** is the 20% darker color. If you saturate the color by 10%, you get **138, 110, 156**, and if you desaturate by 10%, it is **150, 142, 156**.

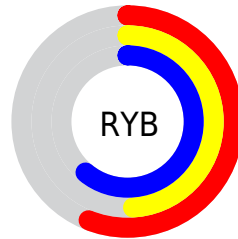
Distribution



Red (56%)

Green (49%)

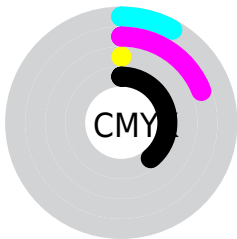
Blue (61%)



Red (56%)

Yellow (49%)

Blue (61%)

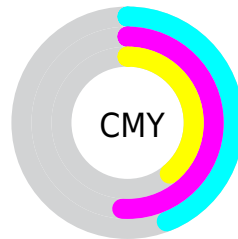


Cyan (8%)

Magenta (19%)

Yellow (0%)

Black (39%)



Cyan (44%)


Magenta (51%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 126, 156 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 144, 126, 156 by changing the saturation by 10% instead.


 144, 126, 156


255, 255, 255

 198, 179, 211

 226, 206, 239

 255, 234, 255

 144, 126, 156

 118, 101, 130

 93, 77, 105

 70, 54, 81

 47, 33, 58


 26, 11, 36


 0, 1, 13

 0, 0, 0

 144, 126, 156

 138, 110, 156

 144, 126, 156

 150, 142, 156

132, 95, 156

156, 157, 157

125, 79, 156

156, 173, 166

119, 64, 156

156, 188, 175

113, 48, 156

156, 204, 185

107, 32, 156

156, 220, 195

100, 17, 156

156, 235, 203

94, 1, 156

156, 251, 213

94, 0, 156

156, 255, 211

Harmonies

Analogous

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



123, 130, 164



144, 126, 156



159, 122, 142

Triad

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



144, 126, 156



151, 153, 102



89, 116, 142

Complementary

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



144, 126, 156



126, 156, 144

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.



101, 127, 141



144, 126, 156



104, 137, 101

Square

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



144, 126, 156



163, 128, 111



109, 138, 128



88, 117, 154

Rectangle

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



144, 126, 156



164, 121, 131



109, 138, 128



92, 119, 142

Sweetspot

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



144, 126, 156



199, 192, 204



126, 135, 156



99, 95, 102



230, 230, 230



102, 102, 102

Same Dimension

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



144, 126, 156



185, 157, 204



156, 126, 153



76, 71, 79



86, 0, 143



9, 0, 15

Inverse Universe

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



156, 126, 138



204, 157, 176



126, 153, 156



79, 71, 74



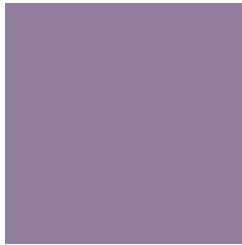
143, 0, 57



15, 0, 6

Previews

White Background



This preview shows how the RYB color 144, 126, 156 looks on a white background.

Color Contrast Check

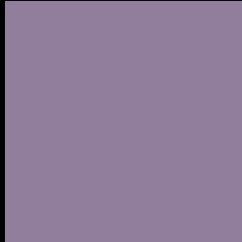
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 126, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

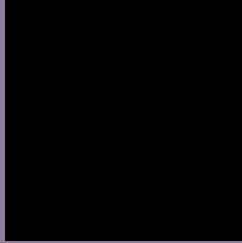
Any Text WCAG AA ✓ Pass

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 144, 126, 156 Background



This preview shows how black text looks on a background with the RYB color 144, 126, 156.



This preview shows how white text looks on a background with the RYB color 144, 126, 156.

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
144, 126, 156

Protanopia
126, 130, 160

Deuteranopia
134, 129, 155



Tritanopia
141, 129, 139

Trichromacy



Original Color

144, 126, 156

Protanomaly

133, 129, 159

Deuteranomaly

138, 128, 155

Tritanomaly

142, 128, 145

Monochromacy



Original Color

144, 126, 156

Achromatopsia

135, 135, 135

Achromatomaly

138, 132, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 126, 156 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(144, 126, 156) looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 156)  
}
```

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(144, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 156) }
```

Border

The CSS property to change the border of an element to RYB 144, 126, 156 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(144, 126, 156) }
```

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

```
.border{ border-color:rgb(144, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 144, 126, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 156) }
```

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

```
.background{ background-color: rgb(144,  
126, 156) }
```

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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