

Converting Colors

`RYB(146, 122, 152)`

Have a look what the booklet for
RYB(146, 122, 152) contains.

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Color

R_YB(146, 122, 152)

Conversions

Conversions Part 1

Format	Color
Hex	927A98
RGB	146, 122, 152
RGB Percent	57%, 48%, 60%
CMY	0.4275, 0.5216, 0.4039
CMYK	0.04, 0.20, 0.00, 0.40
HSL	288°, 13%, 54%
HSV	288°, 20%, 60%
XYZ	24.4811, 22.2971, 32.7192
YIQ	132.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

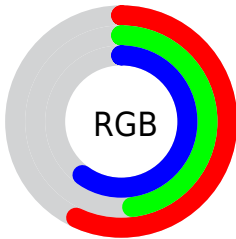
Format	Color
R_{YB}	146, 122, 152
Decimal	9599640
CIE _{Lab}	54.34, 14.93, -12.68
CIE _{LCh}	54, 19.593, 319.659
Yxy	22.2971, 0.3079, 0.2805
Android (android.graphics.Color)	4287789720 (0xFF927A98)
YUV	132.5960, 9.5662, 11.7553
Hunter-Lab	47.2198, 9.9088, -8.0290

Details

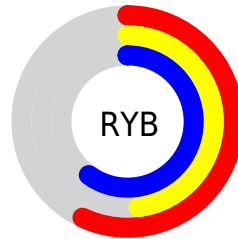
The RYB color **146, 122, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122, 152, 146**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **200, 175, 206**, and **95, 73, 101** is the 20% darker color. If you saturate the color by 10%, you get **143, 107, 152**, and if you desaturate by 10%, it is **149, 137, 152**.

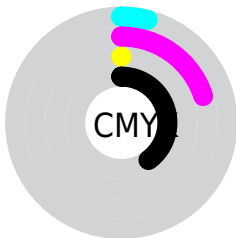
Distribution



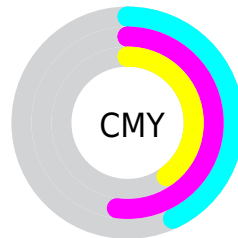
- Red (57%)
- Green (48%)
- Blue (60%)



- Red (57%)
- Yellow (48%)
- Blue (60%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 122, 152 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, 122, 152 by changing the saturation by 10% instead.

 146, 122, 152

255, 255, 255

 200, 175, 206


 228, 202, 235

 255, 230, 255

 146, 122, 152

 120, 97, 126

 95, 73, 101


 71, 50, 77

 48, 29, 54

 28, 6, 33

 0, 0, 7

 0, 0, 0

 146, 122, 152

 143, 107, 152


 146, 122, 152


 149, 137, 152

 140, 92, 152


 152, 152, 152

 137, 76, 152

 152, 168, 165

 134, 61, 152


 152, 183, 177

 131, 46, 152

 152, 198, 189

 128, 31, 152

 152, 213, 201

 125, 16, 152

 152, 228, 213

 122, 0, 152

 152, 244, 226

 152, 255, 234

Harmonies

Analogous

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



125, 128, 162



146, 122, 152



160, 118, 137

Triad

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



146, 122, 152



133, 148, 97



82, 111, 141

Complementary

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



146, 122, 152



122, 152, 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.



93, 121, 139



146, 122, 152



98, 132, 99

Square

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



146, 122, 152



160, 128, 105



108, 137, 133



85, 115, 155

Rectangle

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



146, 122, 152



164, 118, 125



108, 137, 133



85, 114, 140

Sweetspot

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



146, 122, 152



194, 185, 196



122, 127, 152



98, 92, 99



227, 227, 227



99, 99, 99

Same Dimension

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



146, 122, 152



187, 149, 196



152, 122, 143



75, 69, 77



112, 0, 140



10, 0, 13

Inverse Universe

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



152, 122, 128



196, 149, 159



122, 145, 152



77, 69, 70



140, 0, 28



13, 0, 3

Previews

White Background



This preview shows how the RYB color 146, 122, 152 looks on a white background.

Color Contrast Check

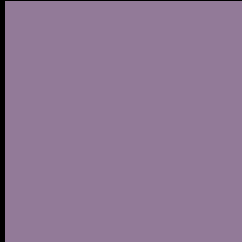
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

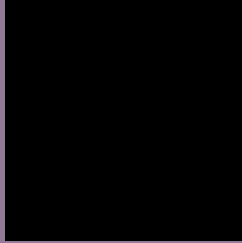
Any Text WCAG AA ✓ Pass

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 146, 122, 152 Background



This preview shows how black text looks on a background with the RYB color 146, 122, 152.



This preview shows how white text looks on a background with the RYB color 146, 122, 152.

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, 122, 152

Protanopia
124, 128, 157

Deuteranopia
133, 127, 151



Tritanopia
143, 125, 135

Trichromacy



Original Color

146, 122, 152

Protanomaly

132, 126, 155

Deuteranomaly

138, 125, 151

Tritanomaly

144, 124, 141

Monochromacy



Original Color

146, 122, 152

Achromatopsia

133, 133, 133

Achromatomaly

138, 129, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 122, 152 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, 122, 152) looks like.

```
.text, #text, p{  
    color:rgb(146, 122, 152)  
}
```

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, 122, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 122, 152) }
```

Border

The CSS property to change the border of an element to RYB 146, 122, 152 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, 122, 152) }
```

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

```
.border{ border-color:rgb(146, 122, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 122, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 122, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 122, 152);  
box-shadow:4px 4px 4px 4px rgb(146, 122,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 146, 122, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 122, 152) }
```

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

```
.background{ background-color: rgb(146,  
122, 152) }
```

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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