

Converting Colors

`RYB(141, 91, 120)`

Have a look what the booklet for
RYB(141, 91, 120) contains.

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Color

$\text{RYB}(141, 91, 120)$

Conversions

Conversions Part 1

Format	Color
Hex	8D5B78
RGB	141, 91, 120
RGB Percent	55%, 36%, 47%
CMY	0.4471, 0.6431, 0.5294
CMYK	0.00, 0.35, 0.15, 0.45
HSL	325°, 22%, 45%
HSV	325°, 35%, 55%
XYZ	18.1158, 14.5010, 19.6135
YIQ	109.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

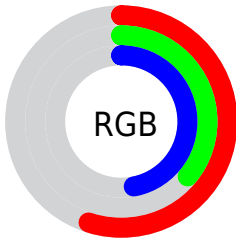
Format	Color
R_{YB}	141, 91, 120
Decimal	9263992
CIE Lab	44.94, 25.06, -7.88
CIE LCh	45, 26.270, 342.549
Yxy	14.5010, 0.3468, 0.2776
Android (android.graphics.Color)	4287454072 (0xFF8D5B78)
YUV	109.2560, 5.2968, 27.8395
Hunter-Lab	38.0801, 18.2771, -3.8817

Details

The RYB color **141, 91, 120** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **91, 126, 141**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **195, 142, 172**, and **90, 44, 72** is the 20% darker color. If you saturate the color by 10%, you get **141, 77, 114**, and if you desaturate by 10%, it is **141, 105, 126**.

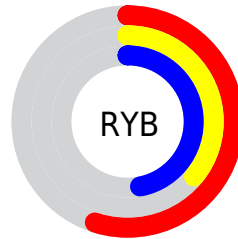
Distribution



Red (55%)

Green (36%)

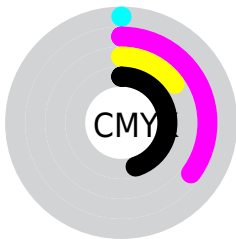
Blue (47%)



Red (55%)

Yellow (36%)

Blue (47%)

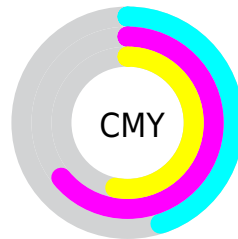


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (45%)



Cyan (45%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 91, 120 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 141, 91, 120 by changing the saturation by 10% instead.



141, 91, 120



141, 91, 120

255, 255, 255



115, 67, 95



195, 142, 172



90, 44, 72



224, 169, 200



65, 21, 49



253, 196, 228



42, 0, 28



255, 224, 255



9, 0, 0



255, 253, 255



0, 0, 0



141, 91, 120



141, 91, 120



141, 77, 114



141, 105, 126



141, 63, 108



141, 119, 132

■ 141, 49, 102

■ 141, 133, 138

■ 141, 35, 96

■ 141, 145, 147

■ 141, 20, 90

■ 141, 156, 162

■ 141, 6, 84

■ 141, 166, 176

■ 141, 0, 82

■ 141, 176, 190

■ 141, 186, 204

■ 141, 195, 218

Harmonies

Analogous

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



121, 97, 139



141, 91, 120



149, 89, 98

Triad

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



141, 91, 120



67, 112, 63



19, 72, 135

Complementary

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



141, 91, 120



91, 126, 141

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.



30, 75, 118



141, 91, 120



73, 114, 100

Square

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



141, 91, 120



123, 132, 65



60, 97, 117



53, 89, 148

Rectangle

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



141, 91, 120



148, 93, 84



60, 97, 117



16, 69, 129

Sweetspot

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



141, 91, 120



184, 163, 175



112, 91, 141



92, 80, 87



219, 219, 219



92, 92, 92

Same Dimension

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



141, 91, 120



184, 105, 150



141, 91, 95



71, 64, 68



135, 0, 78



8, 0, 4

Inverse Universe

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



141, 91, 120



184, 105, 150



91, 117, 141



71, 64, 68



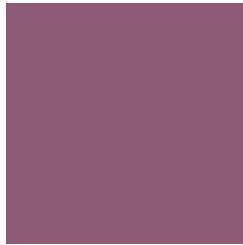
135, 0, 78



8, 0, 4

Previews

White Background



This preview shows how the RYB color 141, 91, 120 looks on a white background.

Color Contrast Check

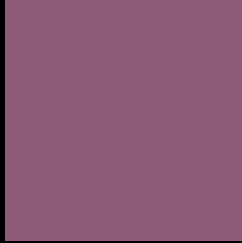
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 141, 91, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

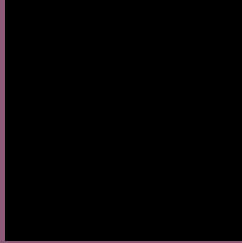
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 141, 91, 120 Background



This preview shows how black text looks on a background with the R Y B color 141, 91, 120.



This preview shows how white text looks on a background with the R Y B color 141, 91, 120.

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
141, 91, 120

Protanopia
101, 105, 130

Deuteranopia
112, 104, 118



Tritanopia
139, 94, 102

Trichromacy



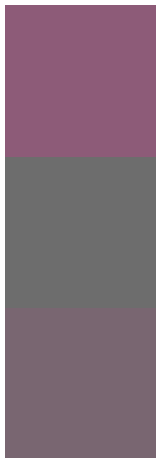
Original Color
141, 91, 120

Protanomaly
116, 101, 126

Deuteranomaly
123, 99, 119

Tritanomaly
140, 93, 109

Monochromacy



Original Color
141, 91, 120

Achromatopsia
109, 109, 109

Achromatomaly
121, 102, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 91, 120 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(141, 91, 120) looks like.

```
.text, #text, p{  
    color:rgb(141, 91, 120)  
}
```

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(141, 91, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 91, 120) }
```

Border

The CSS property to change the border of an element to RYB 141, 91, 120 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(141, 91, 120) }
```

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

```
.border{ border-color:rgb(141, 91, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 91, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 91, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 91, 120);  
box-shadow:4px 4px 4px 4px rgb(141, 91,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 141, 91, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 91, 120) }
```

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

```
.background{ background-color: rgb(141, 91,  
120) }
```

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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