

Converting Colors

R_YB(91, 73, 143)

Have a look what the booklet for
RYB(91, 73, 143) contains.

RYB(91, 73, 143)	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(91, 73, 143)

Conversions

Conversions Part 1

Format	Color
Hex	5B498F
RGB	91, 73, 143
RGB Percent	36%, 29%, 56%
CMY	0.6431, 0.7137, 0.4392
CMYK	0.36, 0.49, 0.00, 0.44
HSL	255°, 32%, 42%
HSV	255°, 49%, 56%
XYZ	11.6549, 8.9724, 27.1042
YIQ	86.3620, -11.7420, 25.5860

Conversions

Conversions Part 2

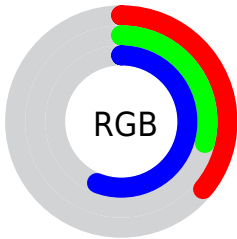
Format	Color
RYB	91, 73, 143
Decimal	5982607
CIELab	35.93, 24.56, -36.28
CIElCh	36, 43.810, 304.103
Yxy	8.9724, 0.2442, 0.1880
Android (android.graphics.Color)	4284172687 (0xFF5B498F)
YUV	86.3620, 27.9225, 4.0675
Hunter-Lab	29.9540, 17.0335, -32.6814

Details

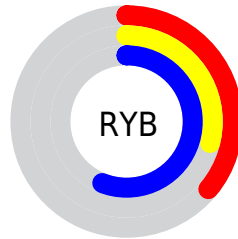
The RYB color **91, 73, 143** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73, 143, 91**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **144, 122, 197**, and **40, 29, 92** is the 20% darker color. If you saturate the color by 10%, you get **80, 59, 143**, and if you desaturate by 10%, it is **102, 87, 143**.

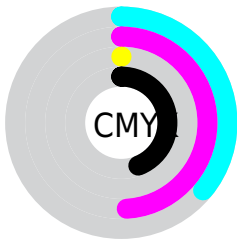
Distribution



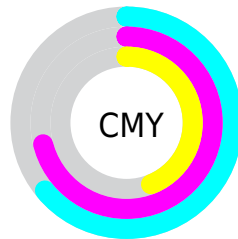
- Red (36%)
- Green (29%)
- Blue (56%)



- Red (36%)
- Yellow (29%)
- Blue (56%)



- Cyan (36%)
- Magenta (49%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 73, 143 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 91, 73, 143 by changing the saturation by 10% instead.



91, 73, 143



91, 73, 143

255, 255, 255



66, 50, 117



144, 122, 197



40, 29, 92



171, 148, 225



13, 7, 68



199, 175, 254



0, 0, 45



227, 202, 255



0, 1, 24



255, 230, 255



0, 0, 0



91, 73, 143



91, 73, 143



80, 59, 143



102, 87, 143



70, 44, 143



112, 102, 143

■ 59, 30, 143

■ 123, 116, 143

■ 49, 16, 143

■ 133, 130, 143

■ 38, 1, 143

■ 143, 145, 144

■ 37, 0, 143

■ 143, 159, 147

■ 143, 173, 151

■ 143, 187, 154

■ 143, 202, 158

Harmonies

Analogous

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



0, 56, 155



91, 73, 143



130, 57, 116

Triad

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



91, 73, 143



126, 122, 18



0, 54, 101

Complementary

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



91, 73, 143



73, 143, 91

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.



0, 65, 99



91, 73, 143



15, 97, 0

Square

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



91, 73, 143



144, 57, 47



20, 94, 53



0, 55, 123

Rectangle

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



91, 73, 143



144, 50, 93



20, 94, 53



0, 57, 100

Sweetspot

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



91, 73, 143



165, 158, 186



73, 103, 143



82, 77, 94



222, 222, 222



94, 94, 94

Same Dimension

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



91, 73, 143



105, 76, 186



126, 73, 143



66, 64, 71



35, 0, 135



2, 0, 8

Inverse Universe

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



143, 73, 125



186, 76, 158



73, 143, 125



71, 64, 70



135, 0, 100



8, 0, 6

Previews

White Background



This preview shows how the RYB color 91, 73, 143 looks on a white background.

Color Contrast Check

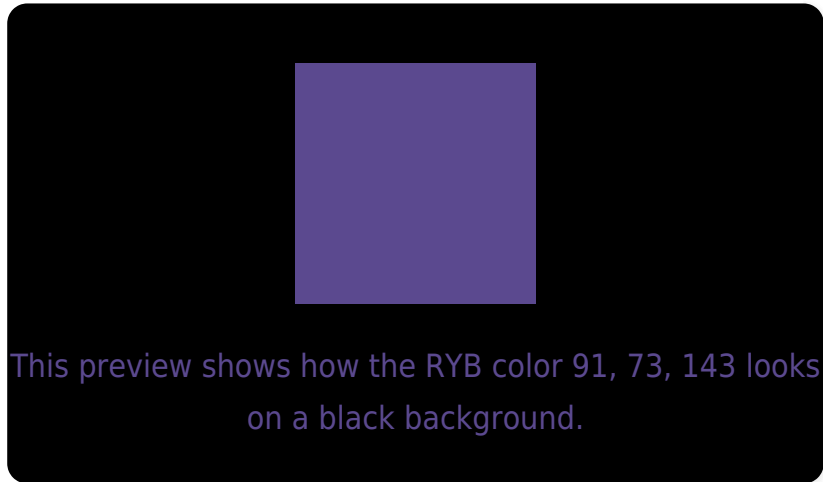
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

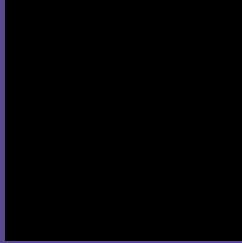
Any Text WCAG AA × Fail

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_YB 91, 73, 143 Background



This preview shows how black text looks on a background with the R_YB color 91, 73, 143.



This preview shows how white text looks on a background with the R_YB color 91, 73, 143.

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
91, 73, 143

Protanopia
51, 75, 152

Deuteranopia
48, 74, 140



Tritanopia

80, 84, 92

Trichromacy



Original Color

91, 73, 143

Protanomaly

66, 77, 149

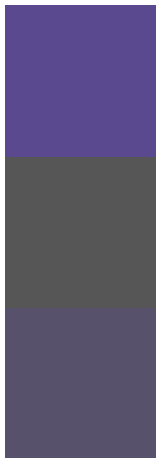
Deuteranomaly

64, 78, 141

Tritanomaly

84, 81, 111

Monochromacy



Original Color

91, 73, 143

Achromatopsia

86, 86, 86

Achromatomaly

88, 81, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 73, 143 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(91, 73, 143)` looks like.

```
.text, #text, p{  
    color:rgb(91, 73, 143)  
}
```

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(91, 73, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 73, 143) }
```

Border

The CSS property to change the border of an element to RYB 91, 73, 143 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(91, 73, 143) }
```

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

```
.border{ border-color:rgb(91, 73, 143) }
```

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

Here you see how a box with a 4 pixel rgb(91, 73, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 73, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 73, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 73,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 91, 73, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 73, 143) }
```

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

```
.background{ background-color: rgb(91, 73,  
143) }
```

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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