

Converting Colors

R_YB(79, 91, 147)

Have a look what the booklet for
RYB(79, 91, 147) contains.

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Color

R_YB(79, 91, 147)

Conversions

Conversions Part 1

Format	Color
Hex	4F5E93
RGB	79, 94, 147
RGB Percent	31%, 37%, 58%
CMY	0.6902, 0.6331, 0.4235
CMYK	0.46, 0.36, 0.00, 0.42
HSL	227°, 30%, 44%
HSV	227°, 46%, 58%
XYZ	12.4556, 11.6982, 29.2053
YIQ	95.5570, -25.9530, 13.3030

Conversions

Conversions Part 2

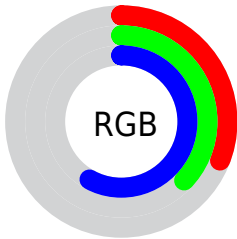
Format	Color
R_{YB}	79, 91, 147
Decimal	5201555
CIE _{Lab}	40.73, 9.43, -31.17
CIE _{LCh}	41, 32.564, 286.836
Yxy	11.6982, 0.2334, 0.2192
Android (android.graphics.Color)	4283391635 (0xFF4F5E93)
YUV	95.5570, 25.3614, -14.5205
Hunter-Lab	34.2027, 5.1497, -26.6851

Details

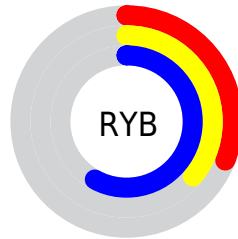
The RYB color **79, 91, 147** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98, 147, 79**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **131, 142, 201**, and **26, 43, 96** is the 20% darker color. If you saturate the color by 10%, you get **64, 79, 147**, and if you desaturate by 10%, it is **94, 103, 147**.

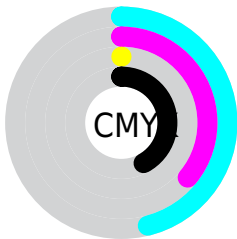
Distribution



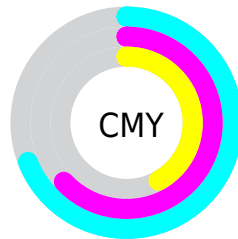
- Red (31%)
- Green (37%)
- Blue (58%)



- Red (31%)
- Yellow (36%)
- Blue (58%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (63%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 91, 147 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 79, 91, 147 by changing the saturation by 10% instead.



79, 91, 147



79, 91, 147

255, 255, 255



53, 67, 121



131, 142, 201



26, 43, 96



159, 169, 230



0, 20, 72



186, 195, 255



0, 0, 49



215, 223, 255



0, 1, 27



243, 249, 255



0, 0, 0



79, 91, 147



79, 91, 147



64, 79, 147



94, 103, 147



50, 67, 147



108, 115, 147

■ 35, 55, 147

■ 123, 127, 147

■ 20, 42, 147

■ 138, 140, 147

■ 6, 31, 147

■ 148, 152, 147

■ 0, 26, 147

■ 152, 167, 147

■ 157, 182, 147

■ 161, 197, 147

■ 163, 211, 147

Harmonies

Analogous

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



4, 62, 148



79, 91, 147



117, 83, 133

Triad

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



79, 91, 147



140, 90, 58



21, 73, 109

Complementary

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



79, 91, 147



98, 147, 79

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.



58, 105, 96



79, 91, 147



97, 122, 43

Square

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



79, 91, 147



147, 74, 82



43, 99, 45



0, 55, 111

Rectangle

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



79, 91, 147



134, 77, 118



43, 99, 45



41, 86, 108

Sweetspot

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



79, 91, 147



164, 169, 191



79, 117, 147



80, 83, 97



224, 224, 224



97, 97, 97

Same Dimension

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



79, 91, 147



84, 103, 191



98, 79, 147



67, 68, 74



0, 25, 138



0, 2, 10

Inverse Universe

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



147, 79, 94



191, 84, 107



79, 147, 98



74, 67, 68



138, 0, 30



10, 0, 2

Previews

White Background



This preview shows how the RYB color 79, 91, 147 looks on a white background.

Color Contrast Check

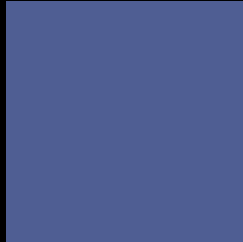
Large Text (above 18pt) WCAG AA ✓ Pass

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 79, 91, 147 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 79, 91, 147 Background



This preview shows how black text looks on a background with the RYB color 79, 91, 147.



This preview shows how white text looks on a background with the RYB color 79, 91, 147.

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

79, 91, 147

Protanopia

77, 91, 147

Deuteranopia

71, 90, 147



Tritanopia
68, 86, 109

Trichromacy



Original Color

79, 91, 147

Protanomaly

78, 91, 147

Deuteranomaly

74, 90, 147

Tritanomaly

72, 89, 123

Monochromacy



Original Color

79, 91, 147

Achromatopsia

95, 95, 95

Achromatomaly

89, 93, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 91, 147 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(79, 94, 147)` looks like.

```
.text, #text, p{  
    color:rgb(79, 94, 147)  
}
```

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(79, 94, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 94, 147) }
```

Border

The CSS property to change the border of an element to RYB 79, 91, 147 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(79, 94, 147) }
```

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

```
.border{ border-color:rgb(79, 94, 147) }
```

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

Here you see how a box with a 4 pixel rgb(79, 94, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 94, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 94, 147);  
box-shadow:4px 4px 4px 4px rgb(79, 94,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 79, 91, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 94, 147) }
```

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

```
.background{ background-color: rgb(79, 94,  
147) }
```

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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