

Converting Colors

`RYB(127, 149, 192)`

Have a look what the booklet for RYB(127, 149, 192) contains.

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Color

R_YB(127, 149, 192)

Conversions

Conversions Part 1

Format	Color
Hex	7FA0C0
RGB	127, 160, 192
RGB Percent	50%, 63%, 75%
CMY	0.5020, 0.3715, 0.2471
CMYK	0.34, 0.17, 0.00, 0.25
HSL	209°, 34%, 63%
HSV	209°, 34%, 75%
XYZ	30.8820, 33.5482, 54.7170
YIQ	153.7810, -29.9400, 2.9560

Conversions

Conversions Part 2

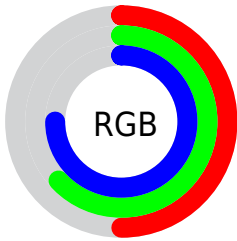
Format	Color
RYB	127, 149, 192
Decimal	8364224
CIELab	64.60, -3.69, -20.04
CIELCh	65, 20.374, 259.573
Yxy	33.5482, 0.2592, 0.2816
Android (android.graphics.Color)	4286554304 (0xFF7FA0C0)
YUV	153.7810, 18.8420, -23.4869
Hunter-Lab	57.9208, -6.1894, -15.4659

Details

The RYB color **127, 149, 192** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **192, 190, 127**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **181, 204, 248**, and **75, 97, 138** is the 20% darker color. If you saturate the color by 10%, you get **108, 136, 192**, and if you desaturate by 10%, it is **146, 162, 192**.

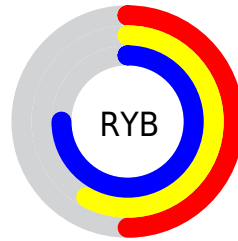
Distribution



Red (50%)

Green (63%)

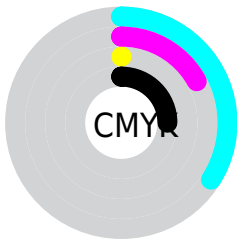
Blue (75%)



Red (50%)

Yellow (58%)

Blue (75%)

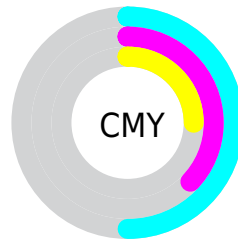


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 149, 192 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 127, 149, 192 by changing the saturation by 10% instead.

 127, 149, 192

255, 255, 255

 181, 204, 248

 209, 229, 255

 238, 247, 255

 127, 149, 192

 101, 123, 165


 75, 97, 138

 50, 73, 113

 23, 47, 88

 0, 25, 65

 0, 13, 43

 0, 1, 22


 0, 0, 0

 127, 149, 192


 127, 149, 192

 108, 136, 192


 146, 162, 192

 89, 124, 192


 165, 174, 192

 69, 111, 192

 185, 187, 192

 50, 98, 192

 204, 204, 192

 31, 85, 192

 223, 221, 192

 12, 73, 192

 242, 242, 192

 0, 65, 192

 246, 255, 192

 221, 255, 192

 204, 255, 192

Harmonies

Analogous

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



109, 141, 184



127, 149, 192



151, 154, 191

Triad

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



127, 149, 192



194, 144, 145



133, 164, 160

Complementary

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



127, 149, 192



192, 190, 127

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.



122, 159, 123



127, 149, 192



190, 156, 130

Square

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



127, 149, 192



189, 144, 164



161, 176, 121



118, 148, 167

Rectangle

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



127, 149, 192



167, 150, 185



161, 176, 121



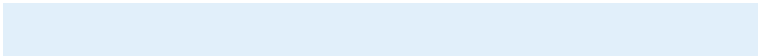
128, 163, 147

Sweetspot

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



127, 149, 192



225, 234, 250



127, 171, 192



110, 115, 125



252, 252, 252



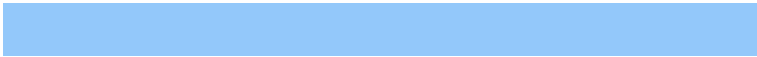
125, 125, 125

Same Dimension

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



127, 149, 192



147, 182, 250



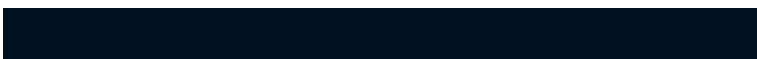
127, 128, 192



87, 90, 97



0, 54, 161



0, 11, 33

Inverse Universe

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



192, 127, 160



250, 147, 200



128, 192, 127



97, 87, 92



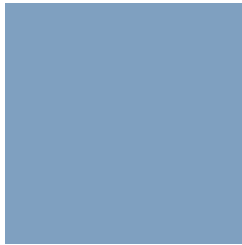
161, 0, 82



33, 0, 17

Previews

White Background



This preview shows how the RYB color 127, 149, 192 looks on a white 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

Black Background



This preview shows how the RYB color 127, 149, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

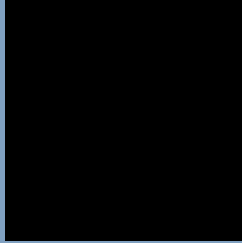
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

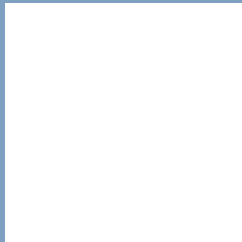
Any Text WCAG AAA ✓ Pass

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

RYB 127, 149, 192 Background



This preview shows how black text looks on a background with the RYB color 127, 149, 192.



This preview shows how white text looks on a background with the RYB color 127, 149, 192.

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
127, 149, 192

Protanopia
149, 154, 188

Deuteranopia
152, 153, 194



Tritanopia
123, 146, 176

Trichromacy



Original Color

127, 149, 192

Protanomaly

141, 153, 189

Deuteranomaly

143, 153, 193

Tritanomaly

124, 147, 182

Monochromacy



Original Color

127, 149, 192

Achromatopsia

154, 154, 154

Achromatomaly

144, 152, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 149, 192 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(127, 160, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 160, 192)  
}
```

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(127, 160, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 160, 192) }
```

Border

The CSS property to change the border of an element to RYB 127, 149, 192 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(127, 160, 192) }
```

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

```
.border{ border-color:rgb(127, 160, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 160, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 160, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 160, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 160,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 127, 149, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 160, 192) }
```

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

```
.background{ background-color: rgb(127,  
160, 192) }
```

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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