

Converting Colors

`RYB(125, 149, 193)`

Have a look what the booklet for
RYB(125, 149, 193) contains.

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Color

R_YB(125, 149, 193)

Conversions

Conversions Part 1

Format	Color
Hex	7DA2C1
RGB	125, 162, 193
RGB Percent	49%, 64%, 76%
CMY	0.5098, 0.3643, 0.2431
CMYK	0.35, 0.16, 0.00, 0.24
HSL	207°, 35%, 62%
HSV	207°, 35%, 76%
XYZ	31.0194, 34.0829, 55.3958
YIQ	154.4710, -32.0030, 1.7970

Conversions

Conversions Part 2

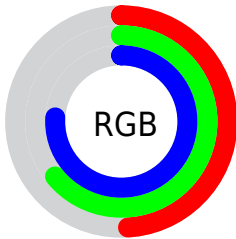
Format	Color
RYB	125, 149, 193
Decimal	8233665
CIELab	65.03, -5.01, -19.96
CIELCh	65, 20.579, 255.897
Yxy	34.0829, 0.2574, 0.2829
Android (android.graphics.Color)	4286423745 (0xFF7DA2C1)
YUV	154.4710, 18.9948, -25.8461
Hunter-Lab	58.3806, -7.3234, -15.3923

Details

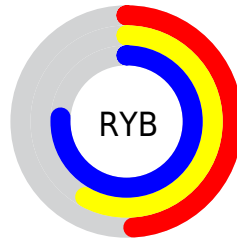
The RYB color **125, 149, 193** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **193, 182, 125**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **179, 204, 250**, and **73, 97, 139** is the 20% darker color. If you saturate the color by 10%, you get **106, 137, 193**, and if you desaturate by 10%, it is **144, 161, 193**.

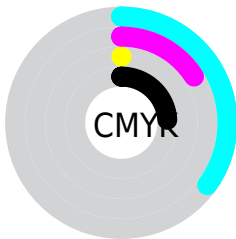
Distribution



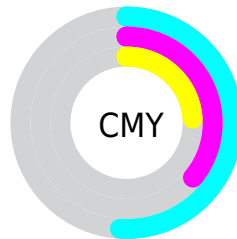
- Red (49%)
- Green (64%)
- Blue (76%)



- Red (49%)
- Yellow (58%)
- Blue (76%)



- Cyan (35%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 149, 193 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 125, 149, 193 by changing the saturation by 10% instead.

 125, 149, 193


255, 255, 255

 179, 204, 250

 208, 229, 255

 236, 246, 255

 125, 149, 193

 99, 123, 166


 73, 97, 139

 47, 72, 114

 19, 46, 89

 0, 25, 66

 0, 14, 43

 0, 1, 23

 0, 0, 0

 125, 149, 193

 125, 149, 193

■ 106, 137, 193

■ 144, 161, 193

■ 86, 124, 193

■ 164, 174, 193

■ 67, 112, 193

■ 183, 186, 193

■ 48, 99, 193

■ 202, 200, 193

■ 28, 86, 193

■ 222, 217, 193

■ 9, 74, 193

■ 241, 234, 193

■ 0, 68, 193

■ 255, 255, 193

■ 230, 255, 193

■ 211, 255, 193

Harmonies

Analogous

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



109, 141, 184



125, 149, 193



149, 155, 193

Triad

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



125, 149, 193



196, 145, 149



132, 165, 156

Complementary

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



125, 149, 193



193, 182, 125

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.



123, 161, 122



125, 149, 193



192, 154, 132

Square

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



125, 149, 193



189, 146, 167



169, 180, 122



121, 151, 168

Rectangle

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



125, 149, 193



166, 152, 188



169, 180, 122



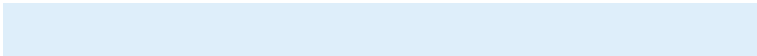
128, 163, 143

Sweetspot

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



125, 149, 193



222, 232, 250



125, 172, 193



109, 115, 125



252, 252, 252



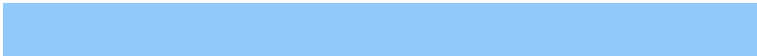
125, 125, 125

Same Dimension

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



125, 149, 193



145, 182, 250



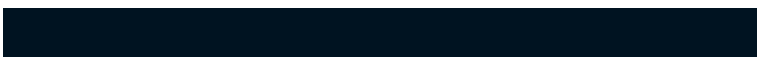
125, 128, 193



87, 90, 97



0, 57, 161



0, 12, 33

Inverse Universe

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



193, 125, 162



250, 145, 202



128, 193, 125



97, 87, 92



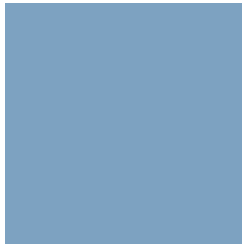
161, 0, 88



33, 0, 18

Previews

White Background



This preview shows how the RYB color 125, 149, 193 looks on a white background.

Color Contrast Check

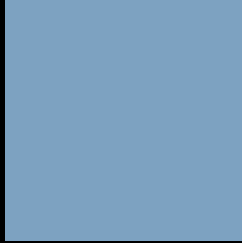
Large Text (above 18pt) WCAG AA × Fail

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 125, 149, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

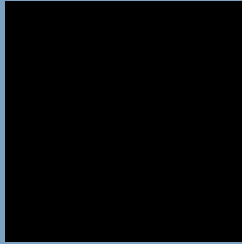
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

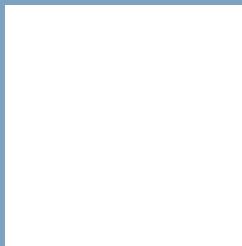
Any Text WCAG AAA ✓ Pass

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

RYB 125, 149, 193 Background



This preview shows how black text looks on a background with the RYB color 125, 149, 193.

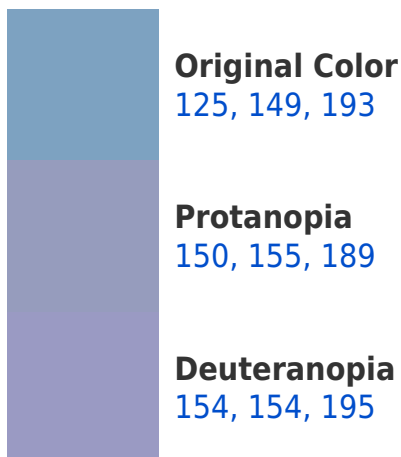


This preview shows how white text looks on a background with the RYB color 125, 149, 193.

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





Tritanopia
121, 146, 178

Trichromacy



Original Color

125, 149, 193

Protanomaly

141, 154, 190

Deuteranomaly

143, 154, 194

Tritanomaly

122, 147, 183

Monochromacy



Original Color

125, 149, 193

Achromatopsia

155, 155, 155

Achromatomaly

144, 153, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 149, 193 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(125, 162, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 162, 193)  
}
```

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(125, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 162, 193) }
```

Border

The CSS property to change the border of an element to RYB 125, 149, 193 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(125, 162, 193) }
```

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

```
.border{ border-color:rgb(125, 162, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(125, 162,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 125, 149, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 162, 193) }
```

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

```
.background{ background-color: rgb(125,  
162, 193) }
```

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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