

Converting Colors

`RYB(130, 149, 202)`

Have a look what the booklet for RYB(130, 149, 202) contains.

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Color

R_YB(130, 149, 202)

Conversions

Conversions Part 1

Format	Color
Hex	829CCA
RGB	130, 156, 202
RGB Percent	51%, 61%, 79%
CMY	0.4902, 0.3890, 0.2078
CMYK	0.36, 0.23, 0.00, 0.21
HSL	218°, 40%, 65%
HSV	218°, 36%, 79%
XYZ	31.7234, 32.7238, 60.5214
YIQ	153.4700, -30.2620, 8.7940

Conversions

Conversions Part 2

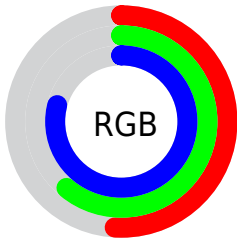
Format	Color
R _Y B	130, 149, 202
Decimal	8559818
CIE Lab	63.94, 2.28, -26.62
CIE LCh	64, 26.718, 274.887
Yxy	32.7238, 0.2539, 0.2619
Android (android.graphics.Color)	4286749898 (0xFF829CCA)
YUV	153.4700, 23.9253, -20.5832
Hunter-Lab	57.2047, -1.1192, -22.6844

Details

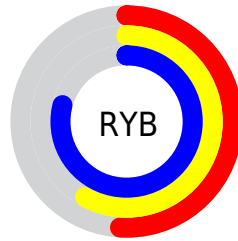
The RYB color **130, 149, 202** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171, 202, 130**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **185, 203, 255**, and **78, 97, 148** is the 20% darker color. If you saturate the color by 10%, you get **110, 134, 202**, and if you desaturate by 10%, it is **150, 164, 202**.

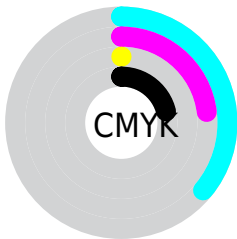
Distribution



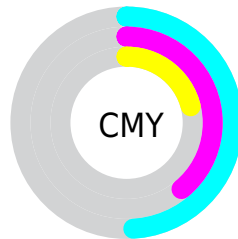
- Red (51%)
- Green (61%)
- Blue (79%)



- Red (51%)
- Yellow (58%)
- Blue (79%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 149, 202 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 130, 149, 202 by changing the saturation by 10% instead.

■ 130, 149, 202

255, 255, 255

■ 185, 203, 255

■ 213, 229, 255

■ 242, 249, 255

■ 130, 149, 202

■ 104, 123, 175

■ 78, 97, 148

■ 52, 73, 122

■ 24, 47, 97

■ 0, 25, 73

■ 0, 12, 50

■ 0, 2, 29

■ 0, 0, 0

■ 130, 149, 202

■ 130, 149, 202

■ 110, 134, 202

■ 150, 164, 202

■ 90, 119, 202

■ 170, 179, 202

■ 69, 104, 202

■ 191, 194, 202

■ 49, 89, 202

■ 207, 211, 202

■ 29, 75, 202

■ 217, 231, 202

■ 9, 60, 202

■ 228, 251, 202

■ 0, 53, 202

■ 211, 255, 202

■ 202, 255, 202

Harmonies

Analogous

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



97, 137, 197



130, 149, 202



163, 147, 194

Triad

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



130, 149, 202



201, 142, 129



114, 152, 166

Complementary

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



130, 149, 202



171, 202, 130

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.



115, 162, 135



130, 149, 202



189, 176, 112

Square

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



130, 149, 202



202, 137, 152



124, 168, 107



90, 132, 168

Rectangle

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



130, 149, 202



182, 142, 183



124, 168, 107



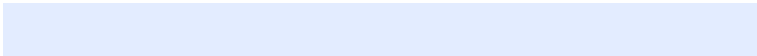
124, 162, 165

Sweetspot

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



130, 149, 202



227, 234, 255



130, 174, 202



111, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 149, 202



145, 174, 255



140, 130, 202



92, 94, 102



0, 44, 166



0, 10, 38

Inverse Universe

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



202, 130, 156



255, 145, 185



130, 202, 140



102, 92, 95



166, 0, 59



38, 0, 14

Previews

White Background



This preview shows how the RYB color 130, 149, 202 looks on a white background.

Color Contrast Check

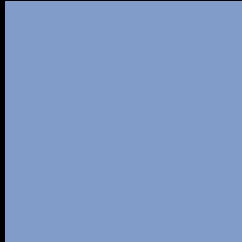
Large Text (above 18pt) WCAG AA × Fail

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 130, 149, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

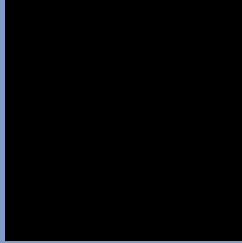
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

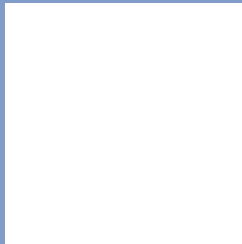
Any Text WCAG AAA ✓ Pass

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

RYB 130, 149, 202 Background



This preview shows how black text looks on a background with the RYB color 130, 149, 202.



This preview shows how white text looks on a background with the RYB color 130, 149, 202.

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


130, 149, 202

Protanopia

142, 151, 200

Deuteranopia

143, 151, 203



Tritanopia
123, 145, 174

Trichromacy



Original Color

130, 149, 202

Protanomaly

138, 151, 201

Deuteranomaly

138, 150, 203

Tritanomaly

126, 147, 184

Monochromacy



Original Color

130, 149, 202

Achromatopsia

153, 153, 153

Achromatomaly

145, 152, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 149, 202 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(130, 156, 202)` looks like.

```
.text, #text, p{  
    color:rgb(130, 156, 202)  
}
```

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(130, 156, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 156, 202) }
```

Border

The CSS property to change the border of an element to RYB 130, 149, 202 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(130, 156, 202) }
```

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

```
.border{ border-color:rgb(130, 156, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 156, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 156, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 156, 202);  
box-shadow:4px 4px 4px 4px rgb(130, 156,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 130, 149, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 156, 202) }
```

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

```
.background{ background-color: rgb(130,  
156, 202) }
```

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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