

Converting Colors

`RYB(97, 135, 209)`

Have a look what the booklet for
RYB(97, 135, 209) contains.

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Color

R_YB(97, 135, 209)

Conversions

Conversions Part 1

Format	Color
Hex	619BD1
RGB	97, 155, 209
RGB Percent	38%, 61%, 82%
CMY	0.6196, 0.3941, 0.1804
CMYK	0.54, 0.26, 0.00, 0.18
HSL	209°, 55%, 60%
HSV	209°, 54%, 82%
XYZ	28.0789, 30.4259, 64.7145
YIQ	143.8140, -51.9020, 4.4980

Conversions

Conversions Part 2

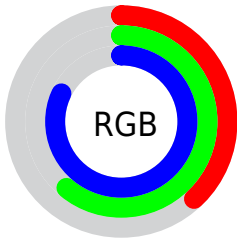
Format	Color
R _Y B	97, 135, 209
Decimal	6396881
CIE Lab	62.02, -3.29, -33.64
CIE LCh	62, 33.798, 264.417
Yxy	30.4259, 0.2279, 0.2469
Android (android.graphics.Color)	4284586961 (0xFF619BD1)
YUV	143.8140, 32.1367, -41.0559
Hunter-Lab	55.1597, -5.6644, -30.9484

Details

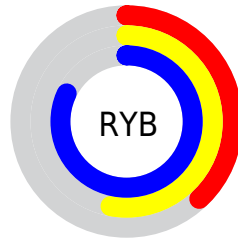
The RYB color **97, 135, 209** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **209, 201, 97**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **154, 190, 255**, and **34, 78, 154** is the 20% darker color. If you saturate the color by 10%, you get **76, 121, 209**, and if you desaturate by 10%, it is **118, 149, 209**.

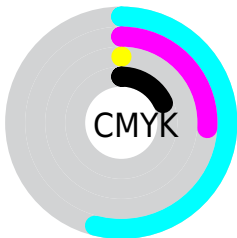
Distribution



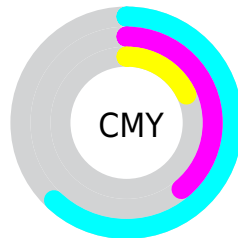
- Red (38%)
- Green (61%)
- Blue (82%)



- Red (38%)
- Yellow (53%)
- Blue (82%)



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



















- Cyan (62%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 135, 209 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 97, 135, 209 by changing the saturation by 10% instead.

 97, 135, 209	 97, 135, 209
 255, 255, 255	 68, 108, 181
 154, 190, 255	 34, 78, 154
 183, 214, 255	 0, 49, 128
 212, 234, 255	 0, 37, 103
 241, 248, 255	 0, 25, 78
	 0, 11, 55
	 0, 2, 33
	 0, 0, 6
	 0, 0, 0

■ 97, 135, 209

■ 97, 135, 209

■ 76, 121, 209

■ 118, 149, 209

■ 55, 107, 209

■ 139, 163, 209

■ 34, 93, 209

■ 160, 177, 209

■ 13, 80, 209

■ 181, 190, 209

■ 0, 71, 209

■ 202, 204, 209

■ 220, 222, 209

■ 243, 243, 209

■ 241, 255, 209

■ 220, 255, 209

Harmonies

Analogous

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



45, 111, 198



97, 135, 209



145, 144, 204

Triad

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



97, 135, 209



208, 128, 127



110, 158, 162

Complementary

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



97, 135, 209



209, 201, 97

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.



94, 156, 105



97, 135, 209



197, 155, 102

Square

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



97, 135, 209



204, 127, 157



134, 175, 90



70, 125, 166

Rectangle

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



97, 135, 209



172, 137, 193



134, 175, 90



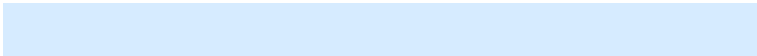
106, 160, 144

Sweetspot

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



97, 135, 209



214, 228, 255



97, 173, 209



103, 112, 128



0, 0, 0



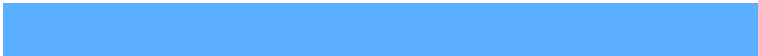
128, 128, 128

Same Dimension

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



97, 135, 209



92, 147, 255



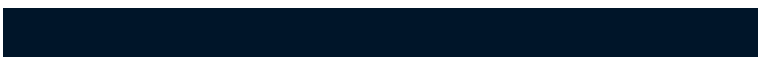
97, 99, 209



94, 97, 105



0, 57, 168



0, 14, 41

Inverse Universe

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



209, 97, 155



255, 92, 176



99, 209, 97



105, 94, 99



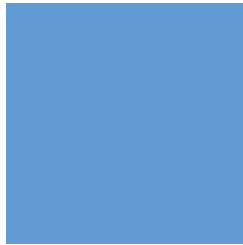
168, 0, 86



41, 0, 21

Previews

White Background



This preview shows how the RYB color 97, 135, 209 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 97, 135, 209 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 97, 135, 209 Background



This preview shows how black text looks on a background with the RYB color 97, 135, 209.



This preview shows how white text looks on a background with the RYB color 97, 135, 209.

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
84, 125, 174

Trichromacy



Original Color
97, 135, 209

Protanomaly
120, 142, 205

Deuteranomaly
116, 141, 210

Tritanomaly
89, 130, 187

Monochromacy



Original Color
97, 135, 209

Achromatopsia
144, 144, 144

Achromatomaly
127, 141, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 135, 209 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(97, 155, 209)` looks like.

```
.text, #text, p{  
    color:rgb(97, 155, 209)  
}
```

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(97, 155, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 155, 209) }
```

Border

The CSS property to change the border of an element to RYB 97, 135, 209 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(97, 155, 209) }
```

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

```
.border{ border-color:rgb(97, 155, 209) }
```

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

Here you see how a box with a 4 pixel rgb(97, 155, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 155, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 155, 209);  
box-shadow:4px 4px 4px 4px rgb(97, 155,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 97, 135, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 155, 209) }
```

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

```
.background{ background-color: rgb(97, 155,  
209) }
```

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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