

Converting Colors

`RYB(107, 139, 250)`

Have a look what the booklet for
RYB(107, 139, 250) contains.

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Color

R_YB(107, 139, 250)

Conversions

Conversions Part 1

Format	Color
Hex	6B94FA
RGB	107, 148, 250
RGB Percent	42%, 58%, 98%
CMY	0.5804, 0.4187, 0.0196
CMYK	0.57, 0.41, 0.00, 0.02
HSL	223°, 93%, 70%
HSV	223°, 57%, 98%
XYZ	33.9440, 31.2785, 94.6908
YIQ	147.3690, -57.1780, 23.0300

Conversions

Conversions Part 2

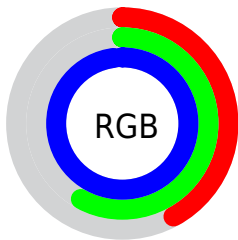
Format	Color
R _{YB}	107, 139, 250
Decimal	7050490
CIE Lab	62.74, 15.34, -55.14
CIE LCh	63, 57.234, 285.542
Yxy	31.2785, 0.2123, 0.1956
Android (android.graphics.Color)	4285240570 (0xFF6B94FA)
YUV	147.3690, 50.5971, -35.4036
Hunter-Lab	55.9272, 10.4649, -61.2354

Details

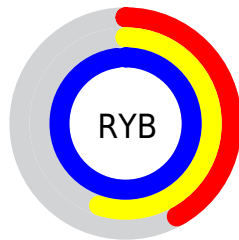
The RYB color **107, 139, 250** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **164, 250, 107**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **167, 192, 255**, and **36, 80, 193** is the 20% darker color. If you saturate the color by 10%, you get **82, 119, 250**, and if you desaturate by 10%, it is **132, 158, 250**.

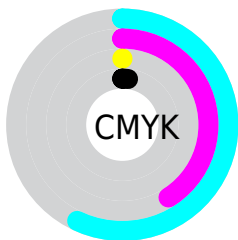
Distribution



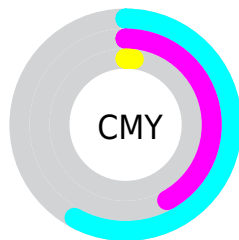
- Red (42%)
- Green (58%)
- Blue (98%)



- Red (42%)
- Yellow (55%)
- Blue (98%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (58%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 107, 139, 250 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 107, 139, 250 by changing the saturation by 10% instead.

 107, 139, 250

 107, 139, 250

255, 255, 255

 75, 111, 221

 167, 192, 255

 36, 80, 193

 197, 218, 255

 0, 52, 165

 227, 241, 255

 0, 38, 138

 0, 25, 112

 0, 9, 87

 0, 5, 63

 0, 3, 40

 0, 1, 18

■ 107, 139, 250

■ 107, 139, 250

■ 82, 119, 250

■ 132, 158, 250

■ 57, 100, 250

■ 157, 178, 250

■ 32, 81, 250

■ 182, 197, 250

■ 7, 61, 250

■ 207, 216, 250

■ 0, 56, 250

■ 232, 236, 250

■ 250, 255, 250

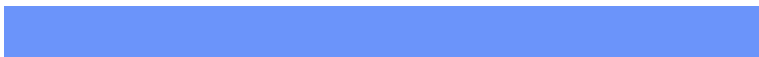
Harmonies

Analogous

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



0, 99, 250



107, 139, 250



188, 127, 224

Triad

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



107, 139, 250



232, 134, 81



0, 102, 175

Complementary

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



107, 139, 250



164, 250, 107

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.



77, 169, 151



107, 139, 250



145, 199, 48

Square

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



107, 139, 250



245, 106, 127



45, 157, 48



0, 89, 177

Rectangle

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



107, 139, 250



221, 114, 195



45, 157, 48



22, 118, 173

Sweetspot

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



107, 139, 250



212, 221, 255



107, 191, 250



102, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 139, 250



79, 119, 255



136, 107, 250



112, 115, 125



0, 42, 189



0, 14, 61

Inverse Universe

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



250, 107, 148



255, 79, 130



107, 250, 136



125, 112, 116



189, 0, 54



61, 0, 18

Previews

White Background



This preview shows how the RYB color 107, 139, 250 looks on a white background.

Color Contrast Check

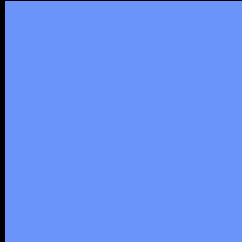
Large Text (above 18pt) WCAG AA × Fail

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 107, 139, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

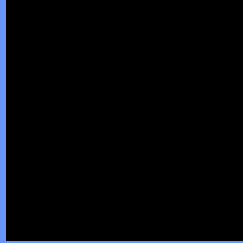
Any Text WCAG AA ✓ Pass

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](#).

RYP 107, 139, 250 Background



This preview shows how black text looks on a background with the RYP color 107, 139, 250.



This preview shows how white text looks on a background with the RYP color 107, 139, 250.

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

107, 139, 250

Protanopia

110, 140, 250

Deuteranopia

88, 134, 249



Tritanopia
78, 124, 177

Trichromacy



Original Color
107, 139, 250

Protanomaly
109, 140, 250

Deuteranomaly
95, 136, 249

Tritanomaly
89, 132, 204

Monochromacy



Original Color
107, 139, 250

Achromatopsia
148, 148, 148

Achromatomaly
133, 145, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 139, 250 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(107, 148, 250)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 250)  
}
```

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(107, 148, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 250) }
```

Border

The CSS property to change the border of an element to RYB 107, 139, 250 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(107, 148, 250) }
```

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

```
.border{ border-color:rgb(107, 148, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 148, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 250);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 107, 139, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 250) }
```

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

```
.background{ background-color: rgb(107,  
148, 250) }
```

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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