

Converting Colors

`RYB(113, 141, 244)`

Have a look what the booklet for
RYB(113, 141, 244) contains.

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Color

R_YB(113, 141, 244)

Conversions

Conversions Part 1

Format	Color
Hex	7195F4
RGB	113, 149, 244
RGB Percent	44%, 58%, 96%
CMY	0.5569, 0.4172, 0.0431
CMYK	0.54, 0.39, 0.00, 0.04
HSL	224°, 86%, 70%
HSV	224°, 54%, 96%
XYZ	33.8253, 31.4146, 89.8688
YIQ	149.0660, -51.9510, 21.9130

Conversions

Conversions Part 2

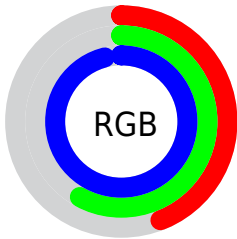
Format	Color
R _Y B	113, 141, 244
Decimal	7443956
CIE Lab	62.86, 14.43, -51.65
CIE LCh	63, 53.625, 285.610
Yxy	31.4146, 0.2181, 0.2025
Android (android.graphics.Color)	4285634036 (0xFF7195F4)
YUV	149.0660, 46.8025, -31.6299
Hunter-Lab	56.0487, 9.6392, -55.8318

Details

The RYB color **113, 141, 244** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **163, 244, 113**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **172, 195, 255**, and **49, 86, 187** is the 20% darker color. If you saturate the color by 10%, you get **89, 122, 244**, and if you desaturate by 10%, it is **137, 160, 244**.

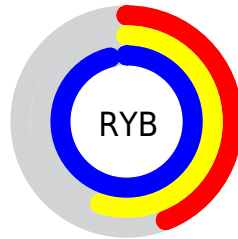
Distribution



Red (44%)

Green (58%)

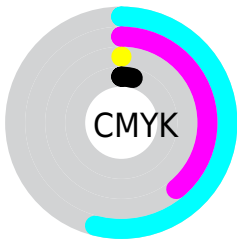
Blue (96%)



Red (44%)

Yellow (55%)

Blue (96%)

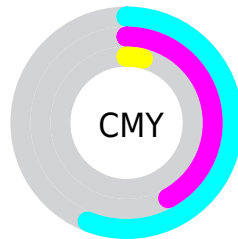


Cyan (54%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (42%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RYB color 113, 141, 244 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 113, 141, 244 by changing the saturation by 10% instead.

 113, 141, 244


255, 255, 255

 172, 194, 255

 201, 220, 255

 231, 243, 255

 113, 141, 244

 83, 114, 215

 49, 85, 187

 0, 51, 160

 0, 38, 133

 0, 25, 107

 0, 9, 83

 0, 5, 59

 0, 2, 36

 0, 0, 12

■ 113, 141, 244

■ 113, 141, 244

■ 89, 122, 244

■ 137, 160, 244

■ 64, 103, 244

■ 162, 179, 244

■ 40, 83, 244

■ 186, 199, 244

■ 15, 64, 244

■ 211, 218, 244

■ 0, 52, 244

■ 235, 237, 244

■ 244, 255, 244

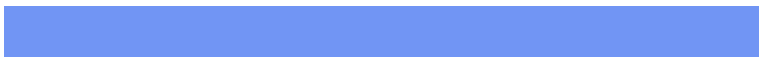
Harmonies

Analogous

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



0, 98, 244



113, 141, 244



187, 129, 219

Triad

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



113, 141, 244



228, 136, 86



0, 101, 174

Complementary

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



113, 141, 244



163, 244, 113

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.



82, 168, 150



113, 141, 244



151, 198, 56

Square

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



113, 141, 244



240, 110, 129



54, 157, 56



0, 88, 176

Rectangle

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



113, 141, 244



217, 117, 192



54, 157, 56



43, 128, 173

Sweetspot

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



113, 141, 244



214, 223, 255



113, 189, 244



103, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



113, 141, 244



92, 127, 255



141, 113, 244



110, 112, 122



0, 40, 186



0, 13, 59

Inverse Universe

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



244, 113, 149



255, 92, 136



113, 244, 141



122, 110, 113



186, 0, 51



59, 0, 16

Previews

White Background



This preview shows how the RYB color 113, 141, 244 looks on a white background.

Color Contrast Check

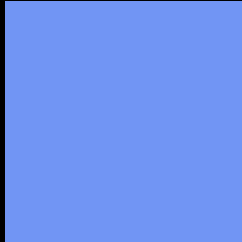
Large Text (above 18pt) WCAG AA × Fail

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 113, 141, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

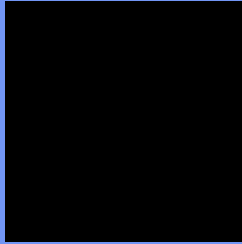
Any Text WCAG AA ✓ Pass

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 113, 141, 244 Background



This preview shows how black text looks on a background with the RYB color 113, 141, 244.



This preview shows how white text looks on a background with the RYB color 113, 141, 244.

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

113, 141, 244

Protanopia

114, 141, 244

Deuteranopia

98, 137, 243



Tritanopia
89, 129, 176

Trichromacy



Original Color
113, 141, 244

Protanomaly
114, 141, 244

Deuteranomaly
103, 139, 243

Tritanomaly
98, 136, 201

Monochromacy



Original Color
113, 141, 244

Achromatopsia
149, 149, 149

Achromatomaly
136, 146, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 141, 244 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(113, 149, 244)` looks like.

```
.text, #text, p{  
    color:rgb(113, 149, 244)  
}
```

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(113, 149, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 149, 244) }
```

Border

The CSS property to change the border of an element to RYB 113, 141, 244 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(113, 149, 244) }
```

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

```
.border{ border-color:rgb(113, 149, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 149, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 149, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 149, 244);  
box-shadow:4px 4px 4px 4px rgb(113, 149,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 113, 141, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 149, 244) }
```

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

```
.background{ background-color: rgb(113,  
149, 244) }
```

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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