Converting Colors

RGB(153, 199, 255)

Have a look what the booklet for RGB(153, 199, 255) contains.

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Color

RGB(153, 199, 255)

Conversions

Conversions Part 1

Format	Color
Hex	99C7FF
RGB	153, 199, 255
RGB Percent	60%, 78%, 100%
CMY	0.4000, 0.2196, 0.0000
CMYK	0.40, 0.22, 0.00, 0.00
HSL	213°, 100%, 80%
HSV	213°, 40%, 100%
XYZ	51.6103, 54.8392, 102.4726
YIQ	191.6300, -45.3920, 7.6640

Conversions

Conversions Part 2

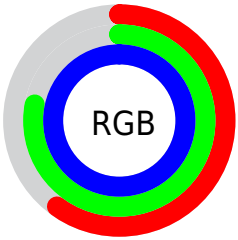
Format	Color
RYB	153, 185, 255
Decimal	10078207
CIELab	78.95, -1.35, -32.29
CIELCh	79, 32.319, 267.613
Yxy	54.8392, 0.2470, 0.2625
Android (android.graphics.Color)	4288268287 (0xFF99C7FF)
YUV	191.6300, 31.2414, -33.8785
Hunter-Lab	74.0535, -5.1910, -30.2060

Details

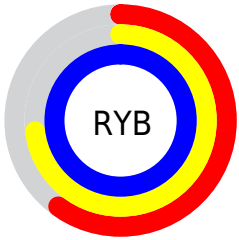
The RGB color 153, 199, 255 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 255, 209, 153, and the grayscale version is 191, 191, 191.

A 20% lighter version of the original color is 210, 255, 255, and 97, 145, 198 is the 20% darker color. If you saturate the color by 10%, you get 128, 185, 255, and if you desaturate by 10%, it is 179, 213, 255.

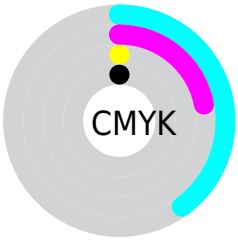
Distribution



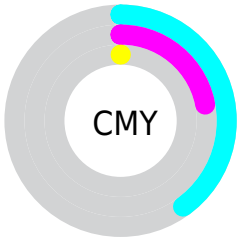
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 199, 255 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 RGB color 153, 199, 255 by changing the saturation by 10% instead.

153, 199, 255

255, 255, 255

210, 255, 255

240, 255, 255

153, 199, 255

125, 172, 226

97, 145, 198

69, 120, 171

38, 95, 144

0, 72, 118

0, 49, 93

0, 29, 69

0, 4, 47

0, 1, 25

153, 199, 255

128, 185, 255

102, 171, 255

77, 157, 255

51, 143, 255

25, 129, 255

0, 115, 255

153, 199, 255

179, 213, 255

204, 227, 255

230, 241, 255

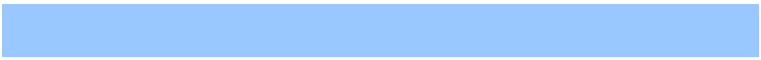
255, 255, 255

Harmonies

Analogous

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

114, 207, 245

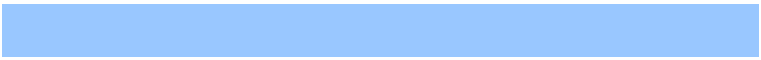


153, 199, 255

197, 189, 249

Triad

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



153, 199, 255

255, 175, 169

153, 209, 162

Complementary

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

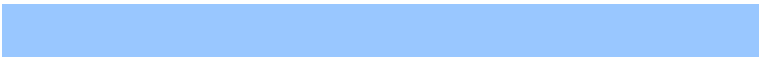
153, 199, 255

255, 209, 153

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.

188, 202, 142



153, 199, 255

243, 183, 146

Square

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

153, 199, 255

252, 173, 199

219, 193, 135

120, 212, 192

Rectangle

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

153, 199, 255

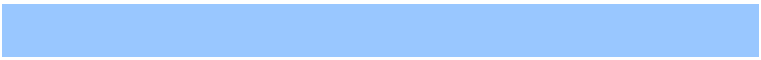
221, 182, 236

219, 193, 135

164, 207, 154

Sweetspot

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



153, 199, 255

224, 238, 255

153, 255, 207

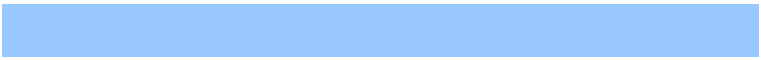
110, 118, 128

0, 0, 0

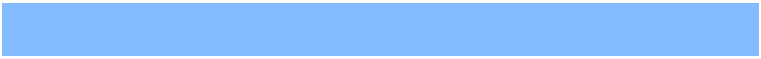
128, 128, 128

Same Dimension

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



153, 199, 255



133, 188, 255

156, 153, 255

115, 121, 128

0, 86, 191

0, 29, 64

Inverse Universe

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

255, 153, 199

255, 133, 188

252, 255, 153

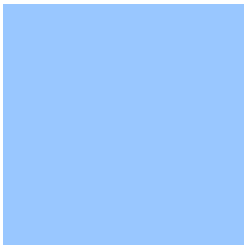
128, 115, 121

191, 0, 86

64, 0, 29

Previews

White Background

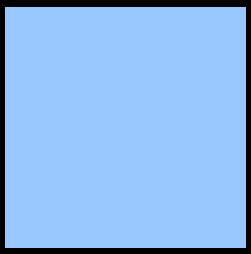


This preview shows how the RGB color 153, 199, 255 looks on a white background.

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 RGB color 153, 199, 255 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.

RGB 153, 199, 255 Background

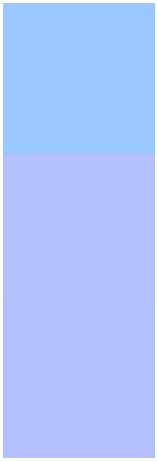
This preview shows how black text looks on a background with the RGB color 153, 199, 255.

This preview shows how white text looks on a background with the RGB color 153, 199, 255.

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



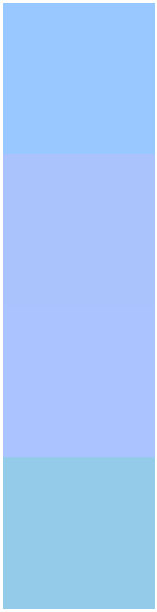
Original Color
153, 199, 255

Protanopia
180, 193, 250

Deuteranopia
181, 192, 255

Tritanopia
144, 205, 221

Trichromacy



Original Color
153, 199, 255

Protanomaly
170, 195, 252

Deuteranomaly
171, 195, 255

Tritanomaly
147, 203, 233

Monochromacy

Original Color
153, 199, 255

Achromatopsia
192, 192, 192

Achromatomaly
178, 195, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 199, 255 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(153, 199, 255) looks like.

```
.text, #text, p{
    color:rgb(153, 199, 255)
}
```

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(153, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 255) }
```

Border

The CSS property to change the border of an element to RGB 153, 199, 255 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(153, 199, 255) }
```

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

```
.border{ border-color:rgb(153, 199, 255) }
```

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

Here you see how a box with a 4 pixel rgb(153, 199, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 199, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 199, 255); box-shadow:4px 4px 4px 4px rgb(153, 199, 255) }
```

Background

The CSS property to change the background color of an element to RGB 153, 199, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(153, 199, 255) }
```

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

```
.background{ background-color:rgb(153,
199, 255) }
```

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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