

Converting Colors

`RYB(95, 199, 232)`

Have a look what the booklet for
RYB(95, 199, 232) contains.

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Color

RYB(95, 199, 232)

Conversions

Conversions Part 1

Format	Color
Hex	5FE88A
RGB	95, 232, 138
RGB Percent	37%, 91%, 54%
CMY	0.6275, 0.0902, 0.4570
CMYK	0.59, 0.00, 0.40, 0.09
HSL	139°, 75%, 64%
HSV	139°, 59%, 91%
XYZ	38.1976, 61.9948, 34.1770
YIQ	180.3210, -51.4780, -58.2780

Conversions

Conversions Part 2

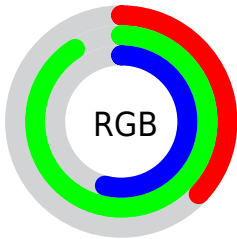
Format	Color
RYB	95, 199, 232
Decimal	6285450
CIELab	82.91, -57.36, 34.61
CIELCh	83, 66.994, 148.891
Yxy	61.9948, 0.2843, 0.4614
Android (android.graphics.Color)	4284475530 (0xFF5FE88A)
YUV	180.3210, -20.8643, -74.8265
Hunter-Lab	78.7368, -51.1936, 29.3800

Details

The RYB color **95, 199, 232** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **232, 95, 189**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **156, 229, 255**, and **8, 121, 175** is the 20% darker color. If you saturate the color by 10%, you get **72, 193, 232**, and if you desaturate by 10%, it is **118, 205, 232**.

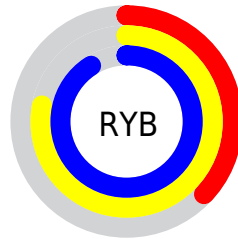
Distribution



Red (37%)

Green (91%)

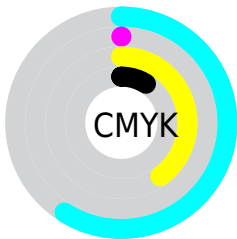
Blue (54%)



Red (37%)

Yellow (78%)

Blue (91%)

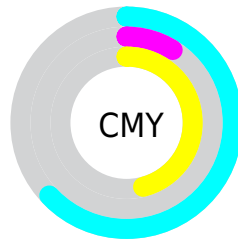


Cyan (59%)

Magenta (0%)

Yellow (40%)

Black (9%)



Cyan (63%)















Magenta (9%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the RYB color 95, 199, 232 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 95, 199, 232 by changing the saturation by 10% instead.


 95, 199, 232	 95, 199, 232
 255, 255, 255	 61, 165, 203
 156, 228, 255	 8, 121, 175
 186, 232, 255	 0, 104, 148
 216, 237, 255	 0, 92, 121
 246, 251, 255	 0, 84, 95
	 0, 70, 70
	 0, 48, 48
	 0, 18, 18
	 0, 0, 0


 95, 199, 232


 95, 199, 232

 72, 193, 232

 118, 205, 232

 49, 188, 232

 141, 210, 232


 25, 182, 232

 165, 216, 232

 2, 177, 232

 188, 221, 232

 0, 176, 232

 211, 227, 232

 234, 232, 234

 255, 232, 249

 255, 232, 255

Harmonies

Analogous

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



89, 221, 130



95, 199, 232



0, 128, 237

Triad

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



95, 199, 232



48, 140, 255



255, 158, 149

Complementary

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



95, 199, 232



232, 95, 189

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.



255, 150, 211



95, 199, 232



205, 191, 255

Square

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



95, 199, 232



0, 121, 255



255, 165, 255



247, 255, 99

Rectangle

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



95, 199, 232



0, 120, 245



255, 165, 255



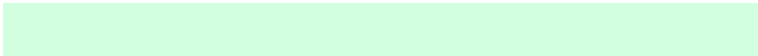
255, 152, 169

Sweetspot

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



95, 199, 232



209, 244, 255



95, 232, 138



99, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



95, 199, 232



74, 212, 255



95, 170, 232



103, 112, 115



0, 136, 179



0, 39, 51

Inverse Universe

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



232, 95, 189



255, 74, 198



232, 95, 120



115, 103, 111



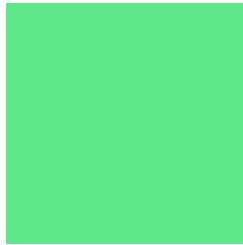
179, 0, 122



51, 0, 35

Previews

White Background



This preview shows how the RYB color 95, 199, 232 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 95, 199, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

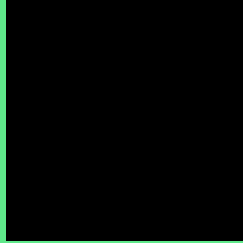
Any Text WCAG AA ✓ Pass

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 95, 199, 232 Background



This preview shows how black text looks on a background with the RYB color 95, 199, 232.

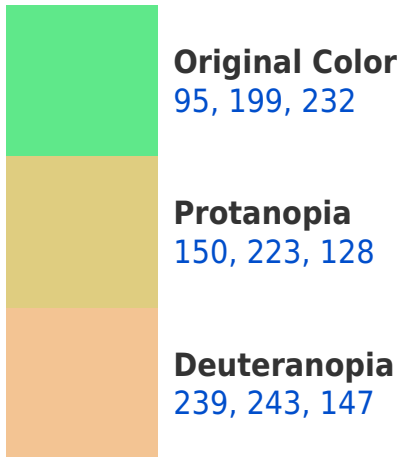



This preview shows how white text looks on a background with the RYB color 95, 199, 232.

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
123, 176, 238

Trichromacy



Original Color
95, 199, 232



Protanomaly
132, 215, 171



Deuteranomaly
144, 209, 164



Tritanomaly
113, 175, 224

Monochromacy



Original Color
95, 199, 232



Achromatopsia
180, 180, 180



Achromatomaly
149, 187, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 199, 232 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(95, 232, 138)` looks like.

```
.text, #text, p{  
    color:rgb(95, 232, 138)  
}
```

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(95, 232, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 232, 138) }
```

Border

The CSS property to change the border of an element to RYB 95, 199, 232 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(95, 232, 138) }
```

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

```
.border{ border-color:rgb(95, 232, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 232, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 232, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 232, 138);  
box-shadow:4px 4px 4px 4px rgb(95, 232,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 95, 199, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 232, 138) }
```

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

```
.background{ background-color: rgb(95, 232,  
138) }
```

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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