

Converting Colors

`RYB(95, 178, 219)`

Have a look what the booklet for
RYB(95, 178, 219) contains.

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Color

`RYB(95, 178, 219)`

Conversions

Conversions Part 1

Format	Color
Hex	5FDB9C
RGB	95, 219, 156
RGB Percent	37%, 86%, 61%
CMY	0.6275, 0.1412, 0.3872
CMYK	0.57, 0.00, 0.29, 0.14
HSL	150°, 63%, 62%
HSV	150°, 57%, 86%
XYZ	36.0730, 55.5048, 40.3772
YIQ	174.7420, -53.6810, -45.8810

Conversions

Conversions Part 2

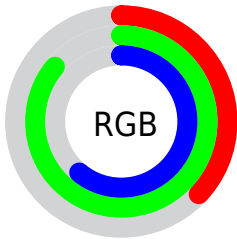
Format	Color
RYB	95, 178, 219
Decimal	6282140
CIELab	79.33, -48.90, 20.68
CIELCh	79, 53.093, 157.082
Yxy	55.5048, 0.2734, 0.4206
Android (android.graphics.Color)	4284472220 (0xFF5FDB9C)
YUV	174.7420, -9.2398, -69.9337
Hunter-Lab	74.5016, -43.9495, 20.0180

Details

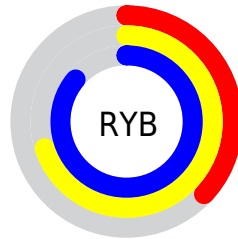
The RYB color **95, 178, 219** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **219, 95, 158**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **154, 219, 255**, and **21, 111, 163** is the 20% darker color. If you saturate the color by 10%, you get **73, 171, 219**, and if you desaturate by 10%, it is **117, 185, 219**.

Distribution



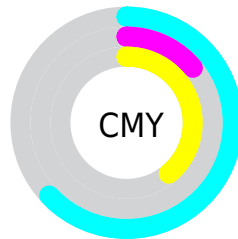
- Red (37%)
- Green (86%)
- Blue (61%)



- Red (37%)
- Yellow (70%)
- Blue (86%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (14%)


















- Cyan (63%)
- Magenta (14%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the RYB color 95, 178, 219 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, 178, 219 by changing the saturation by 10% instead.

 95, 178, 219	 95, 178, 219
 255, 255, 255	 63, 147, 191
 154, 219, 255	 21, 110, 163
 184, 224, 255	 0, 86, 136
 213, 234, 255	 0, 72, 110
 243, 249, 255	 0, 60, 85
	 0, 49, 60
	 0, 38, 38
	 0, 0, 0


 95, 178, 219	 95, 178, 219
--	--

 73, 171, 219

 117, 185, 219

 51, 163, 219

 139, 193, 219

 29, 156, 219

 161, 200, 219

 7, 149, 219

 183, 207, 219

 0, 147, 219

 204, 214, 219

 226, 219, 223

 248, 219, 234

 255, 219, 245

 255, 219, 255

Harmonies

Analogous

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



115, 211, 163



95, 178, 219



0, 115, 222

Triad

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



95, 178, 219



136, 177, 255



255, 169, 139

Complementary

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



95, 178, 219



219, 95, 158

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, 155, 187



95, 178, 219



216, 179, 255

Square

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



95, 178, 219



0, 116, 255



255, 162, 236



255, 255, 105

Rectangle

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



95, 178, 219



0, 115, 240



255, 162, 236



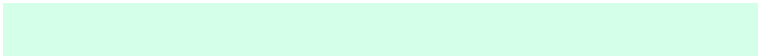
255, 159, 154

Sweetspot

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



95, 178, 219



212, 241, 255



95, 219, 155



102, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



95, 178, 219



82, 198, 255



95, 158, 219



99, 107, 110



0, 116, 173



0, 31, 46

Inverse Universe

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



219, 95, 158



255, 82, 169



219, 95, 97



110, 99, 104



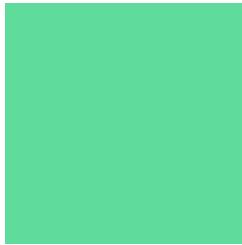
173, 0, 88



46, 0, 23

Previews

White Background



This preview shows how the RYB color 95, 178, 219 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, 178, 219 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, 178, 219 Background



This preview shows how black text looks on a background with the RYB color 95, 178, 219.

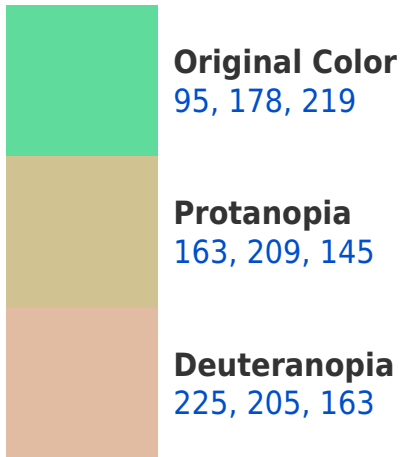


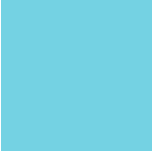
This preview shows how white text looks on a background with the RYB color 95, 178, 219.

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](#).

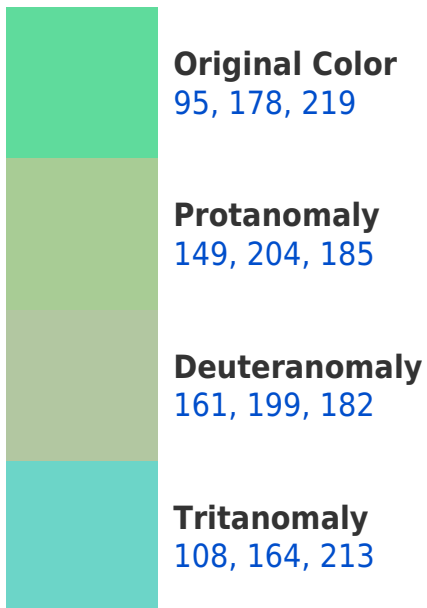
Dichromacy



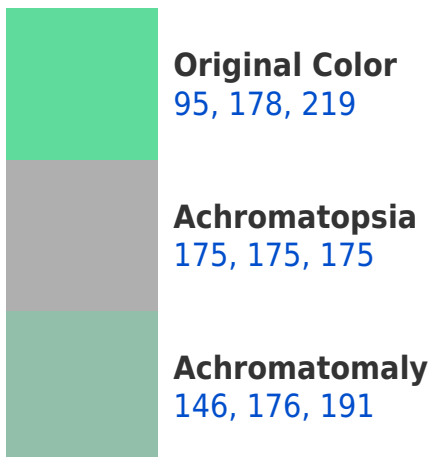


Tritanopia
116, 167, 227

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 178, 219 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, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(95, 219, 156)  
}
```

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, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 219, 156) }
```

Border

The CSS property to change the border of an element to RYB 95, 178, 219 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, 219, 156) }
```

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

```
.border{ border-color:rgb(95, 219, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 219, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(95, 219,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 95, 178, 219 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 219, 156) }
```

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

```
.background{ background-color: rgb(95, 219,  
156) }
```

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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