

Converting Colors

`RYB(79, 227, 221)`

Have a look what the booklet for
RYB(79, 227, 221) contains.

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Color

RYB(79, 227, 221)

Conversions

Conversions Part 1

Format	Color
Hex	55E34F
RGB	85, 227, 79
RGB Percent	33%, 89%, 31%
CMY	0.6667, 0.1098, 0.6902
CMYK	0.63, 0.00, 0.65, 0.11
HSL	118°, 73%, 60%
HSV	118°, 65%, 89%
XYZ	32.6267, 57.4340, 16.7634
YIQ	167.6700, -37.1240, -76.1320

Conversions

Conversions Part 2

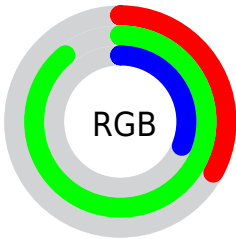
Format	Color
RYB	79, 227, 221
Decimal	5628751
CIELab	80.42, -65.53, 59.05
CIELCh	80, 88.210, 137.973
Yxy	57.4340, 0.3054, 0.5377
Android (android.graphics.Color)	4283818831 (0xFF55E34F)
YUV	167.6700, -43.7143, -72.5016
Hunter-Lab	75.7852, -55.7772, 39.9349

Details

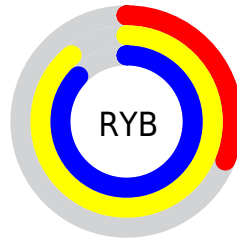
The RYB color **79, 227, 221** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **221, 79, 227**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **134, 255, 240**, and **0, 156, 170** is the 20% darker color. If you saturate the color by 10%, you get **56, 227, 220**, and if you desaturate by 10%, it is **102, 227, 222**.

Distribution



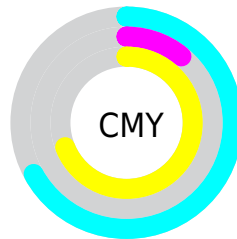
- Red (33%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 227, 221 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 79, 227, 221 by changing the saturation by 10% instead.

 79, 227, 221	 79, 227, 221
255, 255, 255	 46, 193, 198
 134, 255, 240	 0, 156, 170
 162, 255, 238	 0, 143, 143
 190, 255, 235	 0, 116, 116
 219, 255, 233	 0, 90, 90
 248, 255, 248	 0, 65, 65
	 0, 41, 41
	 0, 3, 3
	 0, 0, 0

■ 79, 227, 221

■ 79, 227, 221

■ 56, 227, 220

■ 102, 227, 222

■ 34, 227, 220

■ 124, 227, 222

■ 11, 227, 218

■ 147, 227, 224

■ 0, 227, 218

■ 170, 227, 225

■ 193, 227, 226

■ 215, 227, 226

■ 237, 227, 238

■ 255, 227, 255

Harmonies

Analogous

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



0, 211, 20



79, 227, 221



0, 139, 235

Triad

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



79, 227, 221



0, 118, 255



255, 116, 154

Complementary

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



79, 227, 221



221, 79, 227

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, 118, 236



79, 227, 221



122, 168, 255

Square

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



79, 227, 221



0, 122, 255



255, 154, 255



255, 195, 77

Rectangle

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



79, 227, 221



0, 123, 237



255, 154, 255



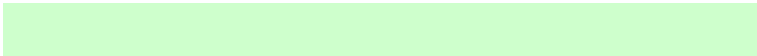
255, 112, 181

Sweetspot

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



79, 227, 221



204, 255, 253



86, 227, 79



97, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



79, 227, 221



56, 255, 247



79, 181, 227



103, 115, 114



0, 179, 172



0, 51, 49

Inverse Universe

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



221, 79, 227



247, 56, 255



227, 79, 160



114, 103, 115



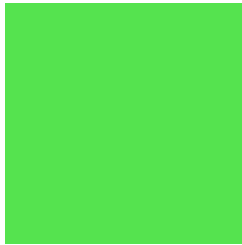
171, 0, 179



49, 0, 51

Previews

White Background



This preview shows how the RYB color 79, 227, 221 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 79, 227, 221 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

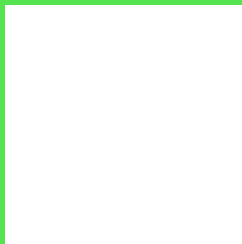
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R_YB 79, 227, 221 Background



This preview shows how black text looks on a background with the R_YB color 79, 227, 221.

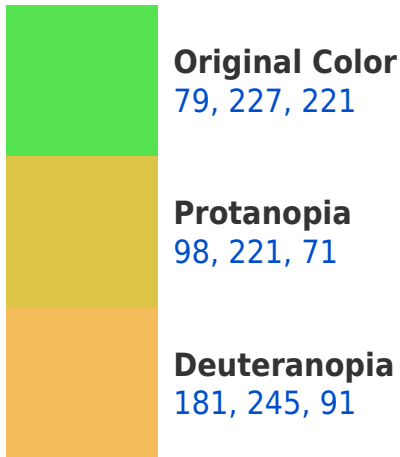


This preview shows how white text looks on a background with the R_YB color 79, 227, 221.

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
121, 171, 230

Trichromacy



Original Color

79, 227, 221



Protanomaly

74, 209, 111



Deuteranomaly

87, 202, 102



Tritanomaly

108, 176, 217

Monochromacy



Original Color

79, 227, 221



Achromatopsia

168, 168, 168



Achromatomaly

136, 189, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 227, 221 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(85, 227, 79)` looks like.

```
.text, #text, p{  
    color:rgb(85, 227, 79)  
}
```

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(85, 227, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 227, 79) }
```

Border

The CSS property to change the border of an element to RYB 79, 227, 221 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(85, 227, 79) }
```

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

```
.border{ border-color:rgb(85, 227, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 227, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 227, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 227, 79);  
box-shadow:4px 4px 4px 4px rgb(85, 227,  
79) }
```

Background

The CSS property to change the background color of an element to RYB 79, 227, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 227, 79) }
```

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

```
.background{ background-color: rgb(85, 227,  
79) }
```

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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