

Converting Colors

`RYB(155, 202, 242)`

Have a look what the booklet for
RYB(155, 202, 242) contains.

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Color

`RYB(155, 202, 242)`

Conversions

Conversions Part 1

Format	Color
Hex	9BF2E5
RGB	155, 242, 229
RGB Percent	61%, 95%, 90%
CMY	0.3922, 0.0510, 0.1018
CMYK	0.36, 0.00, 0.05, 0.05
HSL	171°, 77%, 78%
HSV	171°, 36%, 95%
XYZ	59.4185, 76.1323, 85.7232
YIQ	214.5050, -47.6790, -22.4870

Conversions

Conversions Part 2

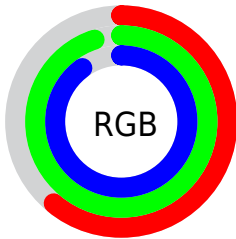
Format	Color
R _Y B	155, 202, 242
Decimal	10220261
CIE Lab	89.92, -29.03, -2.05
CIE LCh	90, 29.100, 184.047
Yxy	76.1323, 0.2685, 0.3441
Android (android.graphics.Color)	4288410341 (0xFF9BF2E5)
YUV	214.5050, 7.1460, -52.1859
Hunter-Lab	87.2539, -31.1385, 2.8278

Details

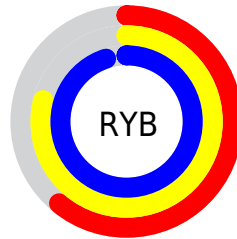
The RYB color **155, 202, 242** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **242, 155, 168**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **212, 234, 255**, and **99, 146, 186** is the 20% darker color. If you saturate the color by 10%, you get **131, 191, 242**, and if you desaturate by 10%, it is **179, 213, 242**.

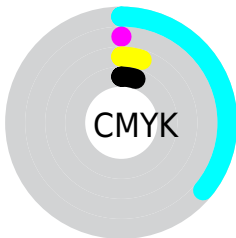
Distribution



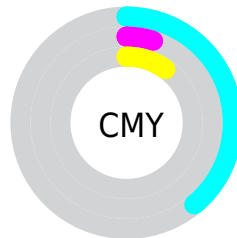
- Red (61%)
- Green (95%)
- Blue (90%)



- Red (61%)
- Yellow (79%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 155, 202, 242 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 155, 202, 242 by changing the saturation by 10% instead.


 155, 202, 242

 155, 202, 242


255, 255, 255


 127, 173, 213

 212, 234, 255

 99, 146, 186

 242, 249, 255

 71, 117, 158

 41, 89, 132

 0, 55, 106

 0, 43, 82


 0, 31, 58

 0, 21, 37


 0, 0, 5

 155, 202, 242


 155, 202, 242

 131, 191, 242


 179, 213, 242

 107, 180, 242


 203, 224, 242

 82, 168, 242


 228, 236, 242

 58, 157, 242

 252, 242, 243

 34, 146, 242

 255, 242, 247

 10, 135, 242

 255, 242, 251

 0, 131, 242

 255, 242, 254

 255, 242, 255

Harmonies

Analogous

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



181, 225, 240



155, 202, 242



146, 197, 255

Triad

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



155, 202, 242



236, 218, 255



255, 255, 177

Complementary

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



155, 202, 242



242, 155, 168

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, 213, 196



155, 202, 242



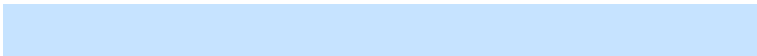
255, 210, 251

Square

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



155, 202, 242



198, 217, 255



255, 206, 223



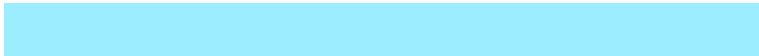
193, 243, 171

Rectangle

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



155, 202, 242



155, 200, 255



255, 206, 223



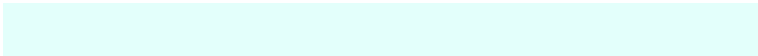
255, 236, 182

Sweetspot

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



155, 202, 242



227, 242, 255



155, 242, 229



111, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 202, 242



145, 204, 255



155, 189, 242



108, 115, 120



0, 100, 184



0, 30, 56

Inverse Universe

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



242, 155, 168



255, 145, 162



242, 201, 155



120, 108, 110



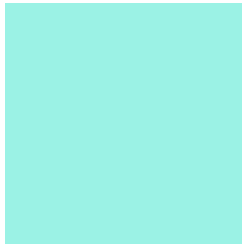
184, 0, 27



56, 0, 8

Previews

White Background



This preview shows how the RYB color 155, 202, 242 looks on a white background.

Color Contrast Check

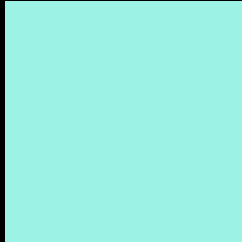
Large Text (above 18pt) WCAG AA × Fail

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 155, 202, 242 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

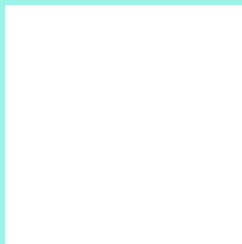
Any Text WCAG AAA ✓ Pass

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

RYP 155, 202, 242 Background



This preview shows how black text looks on a background with the RYP color 155, 202, 242.

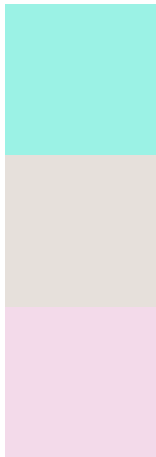


This preview shows how white text looks on a background with the RYP color 155, 202, 242.

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
155, 202, 242

Protanopia
230, 228, 219

Deuteranopia
243, 218, 234



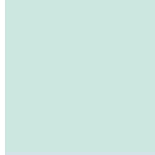
Tritanopia
167, 206, 255

Trichromacy



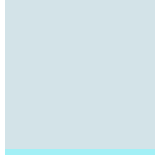
Original Color

155, 202, 242



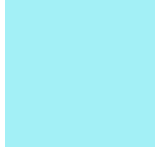
Protanomaly

203, 219, 231



Deuteranomaly

211, 220, 232



Tritanomaly

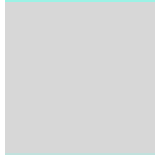
163, 203, 246

Monochromacy



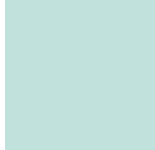
Original Color

155, 202, 242



Achromatopsia

215, 215, 215



Achromatomaly

193, 210, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 202, 242 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(155, 242, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 242, 229)  
}
```

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(155, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 242, 229) }
```

Border

The CSS property to change the border of an element to RYB 155, 202, 242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

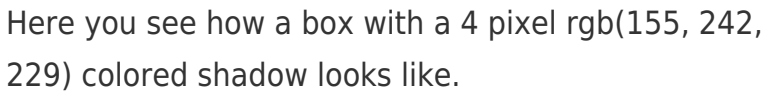
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 242, 229) }
```

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

```
.border{ border-color:rgb(155, 242, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(155, 242,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 155, 202, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 242, 229) }
```

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

```
.background{ background-color: rgb(155,  
242, 229) }
```

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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