

Converting Colors

`RYB(150, 195, 239)`

Have a look what the booklet for
RYB(150, 195, 239) contains.

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Color

R_YB(150, 195, 239)

Conversions

Conversions Part 1

Format	Color
Hex	96EFED
RGB	150, 239, 237
RGB Percent	59%, 94%, 93%
CMY	0.4118, 0.0627, 0.0705
CMYK	0.37, 0.00, 0.01, 0.06
HSL	179°, 74%, 76%
HSV	179°, 37%, 94%
XYZ	58.7335, 74.3328, 91.3899
YIQ	212.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

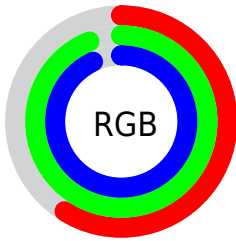
Format	Color
R _Y B	150, 195, 239
Decimal	9891821
CIE Lab	89.08, -27.05, -7.49
CIE LCh	89, 28.067, 195.471
Yxy	74.3328, 0.2617, 0.3312
Android (android.graphics.Color)	4288081901 (0xFF96EFED)
YUV	212.1610, 12.2456, -54.5152
Hunter-Lab	86.2164, -29.2787, -2.4962

Details

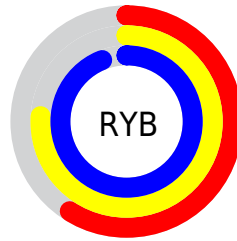
The RYB color **150, 195, 239** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **239, 150, 152**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **208, 232, 255**, and **93, 139, 183** is the 20% darker color. If you saturate the color by 10%, you get **126, 183, 239**, and if you desaturate by 10%, it is **174, 207, 239**.

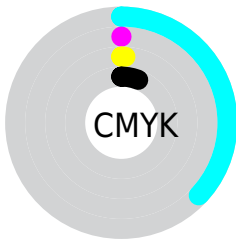
Distribution



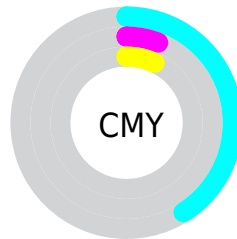
- Red (59%)
- Green (94%)
- Blue (93%)



- Red (59%)
- Yellow (76%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)




- Cyan (41%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 195, 239 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 150, 195, 239 by changing the saturation by 10% instead.


 150, 195, 239


255, 255, 255


 208, 232, 255


 237, 246, 255

 150, 195, 239

 122, 167, 211

 93, 139, 183


 64, 111, 156

 31, 80, 129

 0, 52, 104

 0, 40, 79


 0, 28, 57

 0, 18, 35


 0, 1, 14

 150, 195, 239


 150, 195, 239

 126, 183, 239


 174, 207, 239

 102, 171, 239


 198, 219, 239

 78, 160, 239

 222, 231, 239

 54, 148, 239

 246, 239, 239

 31, 136, 239

 255, 239, 240

 7, 124, 239

 255, 239, 241

 0, 121, 239

 255, 239, 242

Harmonies

Analogous

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



170, 213, 238



150, 195, 239



151, 198, 255

Triad

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



150, 195, 239



245, 212, 255



239, 255, 172

Complementary

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



150, 195, 239



239, 150, 152

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, 220, 187



150, 195, 239



255, 206, 238

Square

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



150, 195, 239



211, 219, 255



255, 205, 211



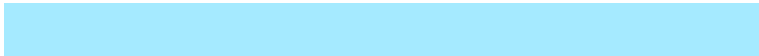
175, 229, 172

Rectangle

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



150, 195, 239



165, 204, 255



255, 205, 211



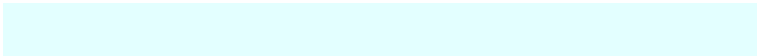
255, 253, 176

Sweetspot

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



150, 195, 239



227, 241, 255



150, 239, 236



111, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 195, 239



140, 198, 255



150, 181, 239



108, 114, 120



0, 93, 184



0, 28, 56

Inverse Universe

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



239, 150, 152



255, 140, 143



239, 230, 150



120, 108, 108



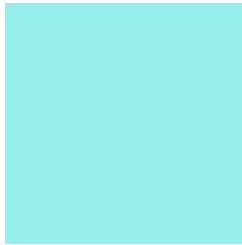
184, 0, 4



56, 0, 1

Previews

White Background



This preview shows how the RYB color 150, 195, 239 looks on a white background.

Color Contrast Check

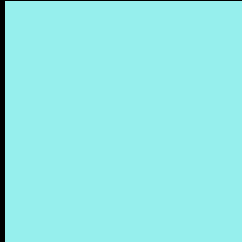
Large Text (above 18pt) WCAG AA × Fail

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 150, 195, 239 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 150, 195, 239 Background



This preview shows how black text looks on a background with the RYB color 150, 195, 239.

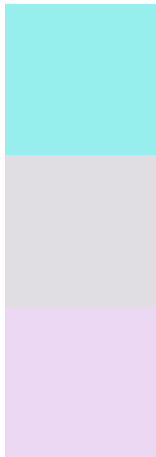


This preview shows how white text looks on a background with the RYB color 150, 195, 239.

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](#).

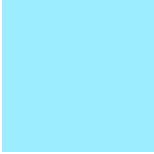
Dichromacy



Original Color
150, 195, 239

Protanopia
225, 222, 227

Deuteranopia
236, 216, 242



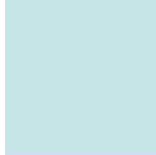
Tritanopia
155, 200, 255

Trichromacy



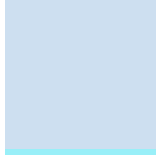
Original Color

150, 195, 239



Protanomaly

198, 214, 231



Deuteranomaly

205, 217, 240



Tritanomaly

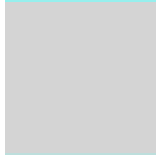
153, 198, 248

Monochromacy



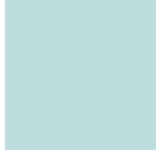
Original Color

150, 195, 239



Achromatopsia

212, 212, 212



Achromatomaly

189, 206, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 195, 239 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(150, 239, 237)` looks like.

```
.text, #text, p{  
  color:rgb(150, 239, 237)  
}
```

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(150, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 239, 237) }
```

Border

The CSS property to change the border of an element to RYB 150, 195, 239 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(150, 239, 237) }
```

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

```
.border{ border-color:rgb(150, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(150, 239,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 150, 195, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 239, 237) }
```

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

```
.background{ background-color: rgb(150,  
239, 237) }
```

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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