

Converting Colors

`RYB(154, 193, 242)`

Have a look what the booklet for
RYB(154, 193, 242) contains.

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Color

R_YB(154, 193, 242)

Conversions

Conversions Part 1

Format	Color
Hex	9AE0F2
RGB	154, 224, 242
RGB Percent	60%, 88%, 95%
CMY	0.3961, 0.1214, 0.0510
CMYK	0.36, 0.07, 0.00, 0.05
HSL	192°, 77%, 78%
HSV	192°, 36%, 95%
XYZ	56.0201, 66.6141, 93.9096
YIQ	205.1220, -47.4980, -9.2420

Conversions

Conversions Part 2

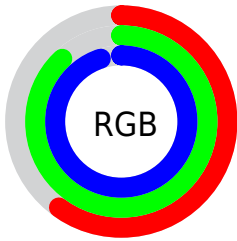
Format	Color
RYB	154, 193, 242
Decimal	10150130
CIELab	85.31, -17.46, -15.71
CIELCh	85, 23.484, 221.975
Yxy	66.6141, 0.2587, 0.3076
Android (android.graphics.Color)	4288340210 (0xFF9AE0F2)
YUV	205.1220, 18.1809, -44.8340
Hunter-Lab	81.6175, -20.3128, -11.0873

Details

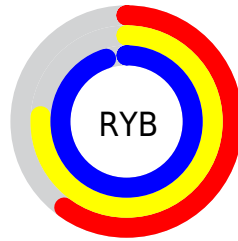
The RYB color **154, 193, 242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **242, 177, 154**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **211, 233, 255**, and **99, 138, 186** is the 20% darker color. If you saturate the color by 10%, you get **130, 180, 242**, and if you desaturate by 10%, it is **178, 206, 242**.

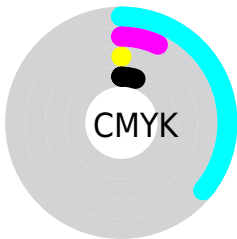
Distribution



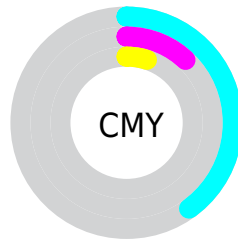
- Red (60%)
- Green (88%)
- Blue (95%)



- Red (60%)
- Yellow (76%)
- Blue (95%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)




- Cyan (40%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 193, 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 154, 193, 242 by changing the saturation by 10% instead.


 154, 193, 242

 154, 193, 242


255, 255, 255


 126, 165, 214

 211, 233, 255


 99, 138, 186

 240, 248, 255


 71, 110, 159

 41, 83, 133


 0, 50, 108

 0, 37, 83


 0, 26, 60

 0, 15, 38

 0, 1, 17

 154, 193, 242


 154, 193, 242

 130, 180, 242


 178, 206, 242

 106, 166, 242


 202, 220, 242

 81, 152, 242


 227, 234, 242

 57, 139, 242

 251, 245, 242

 33, 126, 242

 253, 255, 242

 9, 112, 242

 243, 255, 242

 0, 107, 242

 242, 255, 242

Harmonies

Analogous

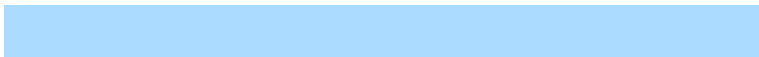
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155, 192, 226



154, 193, 242



171, 202, 255

Triad

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



154, 193, 242



249, 199, 227



177, 221, 170

Complementary

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



154, 193, 242



242, 177, 154

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.



240, 242, 171



154, 193, 242



255, 198, 205

Square

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



154, 193, 242



228, 205, 246



255, 206, 184



180, 221, 205

Rectangle

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



154, 193, 242



189, 208, 255



255, 206, 184



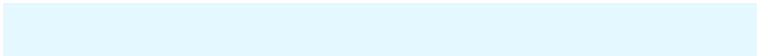
193, 229, 169

Sweetspot

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



154, 193, 242



227, 239, 255



154, 227, 242



111, 118, 128



0, 0, 0



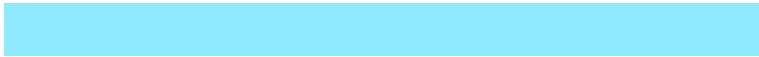
128, 128, 128

Same Dimension

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



154, 193, 242



143, 193, 255



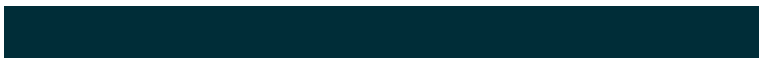
154, 174, 242



108, 113, 120



0, 81, 184



0, 25, 56

Inverse Universe

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



242, 154, 224



255, 143, 232



191, 242, 154



120, 108, 117



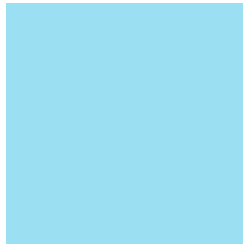
184, 0, 146



56, 0, 45

Previews

White Background



This preview shows how the RYB color 154, 193, 242 looks on a white background.

Color Contrast Check

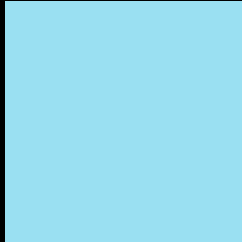
Large Text (above 18pt) WCAG AA × Fail

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 154, 193, 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](#).

RYB 154, 193, 242 Background



This preview shows how black text looks on a background with the RYB color 154, 193, 242.




This preview shows how white text looks on a background with the RYB color 154, 193, 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](#).

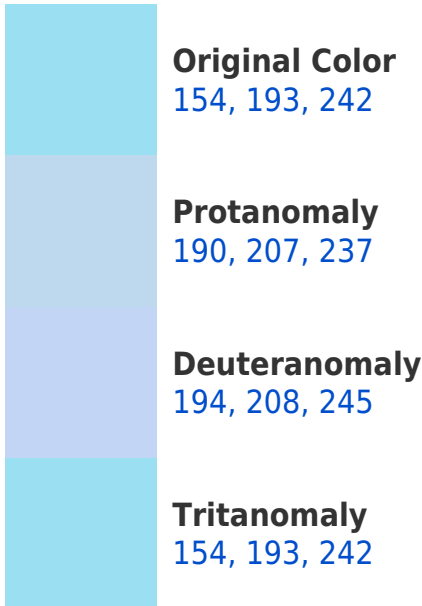
Dichromacy



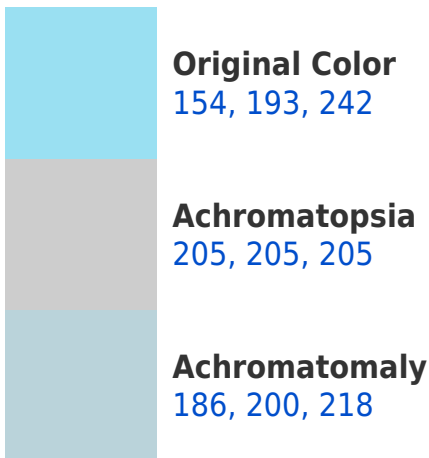


Tritanopia
154, 193, 242

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 193, 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(154, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(154, 224, 242)  
}
```

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(154, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 224, 242) }
```

Border

The CSS property to change the border of an element to RYB 154, 193, 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(154, 224, 242) }
```

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

```
.border{ border-color:rgb(154, 224, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(154, 224,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 154, 193, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 224, 242) }
```

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

```
.background{ background-color: rgb(154,  
224, 242) }
```

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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