

Converting Colors

`RYB(156, 194, 242)`

Have a look what the booklet for
RYB(156, 194, 242) contains.

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Color

R_YB(156, 194, 242)

Conversions

Conversions Part 1

Format	Color
Hex	9CE0F2
RGB	156, 224, 242
RGB Percent	61%, 88%, 95%
CMY	0.3882, 0.1212, 0.0510
CMYK	0.36, 0.07, 0.00, 0.05
HSL	192°, 77%, 78%
HSV	192°, 36%, 95%
XYZ	56.4154, 66.8348, 93.9314
YIQ	205.7200, -46.3060, -8.8180

Conversions

Conversions Part 2

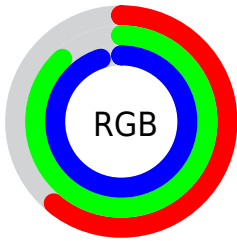
Format	Color
R _Y B	156, 194, 242
Decimal	10281202
CIE Lab	85.42, -16.96, -15.53
CIE LCh	85, 22.993, 222.482
Yxy	66.8348, 0.2598, 0.3077
Android (android.graphics.Color)	4288471282 (0xFF9CE0F2)
YUV	205.7200, 17.8860, -43.6044
Hunter-Lab	81.7526, -19.8887, -10.8957

Details

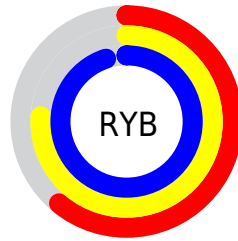
The RYB color **156, 194, 242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **242, 179, 156**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **213, 234, 255**, and **101, 139, 186** is the 20% darker color. If you saturate the color by 10%, you get **132, 181, 242**, and if you desaturate by 10%, it is **180, 207, 242**.

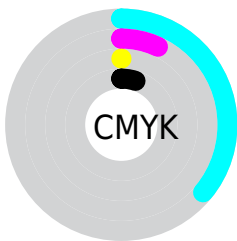
Distribution



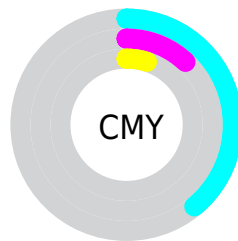
- Red (61%)
- Green (88%)
- Blue (95%)



- Red (61%)
- Yellow (76%)
- Blue (95%)



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



- Cyan (39%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 194, 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 156, 194, 242 by changing the saturation by 10% instead.

 156, 194, 242


255, 255, 255


 213, 234, 255

 242, 249, 255

 156, 194, 242


 128, 166, 214

 101, 139, 186


 73, 111, 159

 44, 84, 133

 2, 51, 108

 0, 37, 83

 0, 26, 60

 0, 15, 38

 0, 1, 17

■ 156, 194, 242

■ 156, 194, 242

■ 132, 181, 242

■ 180, 207, 242

■ 108, 167, 242

■ 204, 221, 242

■ 83, 153, 242

■ 229, 235, 242

■ 59, 140, 242

■ 253, 244, 242

■ 35, 127, 242

■ 253, 255, 242

■ 11, 113, 242

■ 243, 255, 242

■ 0, 107, 242

■ 242, 255, 242

Harmonies

Analogous

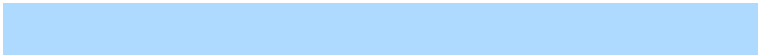
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157, 193, 226



156, 194, 242



173, 202, 254

Triad

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



156, 194, 242



249, 200, 227



178, 221, 171

Complementary

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



156, 194, 242



242, 179, 156

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, 173



156, 194, 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.



156, 194, 242



228, 205, 246



255, 206, 185



181, 221, 206

Rectangle

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



156, 194, 242



191, 208, 255



255, 206, 185



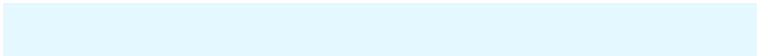
190, 228, 170

Sweetspot

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



156, 194, 242



227, 239, 255



156, 228, 242



111, 118, 128



0, 0, 0



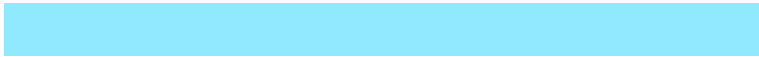
128, 128, 128

Same Dimension

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



156, 194, 242



145, 194, 255



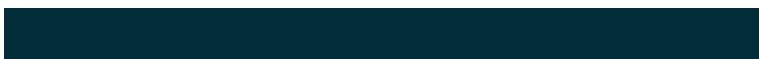
156, 176, 242



108, 113, 120



0, 81, 184



0, 25, 56

Inverse Universe

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



242, 156, 224



255, 145, 232



193, 242, 156



120, 108, 117



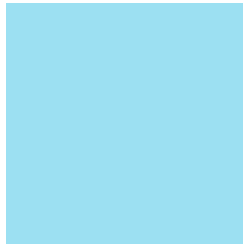
184, 0, 145



56, 0, 44

Previews

White Background



This preview shows how the RYB color 156, 194, 242 looks on a white background.

Color Contrast Check

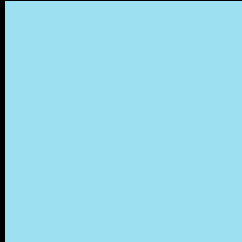
Large Text (above 18pt) WCAG AA × Fail

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 156, 194, 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 156, 194, 242 Background



This preview shows how black text looks on a background with the RYB color 156, 194, 242.

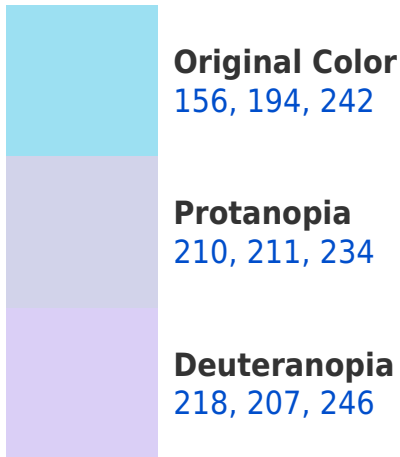



This preview shows how white text looks on a background with the RYB color 156, 194, 242.

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





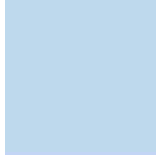
Tritanopia
156, 194, 242

Trichromacy



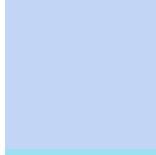
Original Color

156, 194, 242



Protanomaly

190, 207, 237



Deuteranomaly

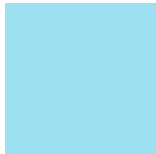
195, 208, 245



Tritanomaly

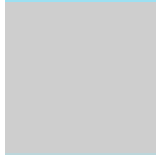
156, 194, 242

Monochromacy



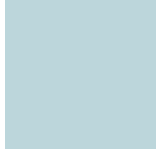
Original Color

156, 194, 242



Achromatopsia

206, 206, 206



Achromatomaly

188, 202, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 194, 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(156, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 224, 242) }
```

Border

The CSS property to change the border of an element to RYB 156, 194, 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(156, 224, 242) }
```

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

```
.border{ border-color:rgb(156, 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(156, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 224, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 224, 242); box-shadow:4px 4px 4px 4px rgb(156, 224, 242) }
```

Background

The CSS property to change the background color of an element to RYB 156, 194, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 224, 242) }
```

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

```
.background{ background-color: rgb(156,  
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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