

Converting Colors

`RYB(162, 195, 241)`

Have a look what the booklet for
RYB(162, 195, 241) contains.

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Color

R_YB(162, 195, 241)

Conversions

Conversions Part 1

Format	Color
Hex	A2DBF1
RGB	162, 219, 241
RGB Percent	64%, 86%, 95%
CMY	0.3647, 0.1425, 0.0549
CMYK	0.33, 0.09, 0.00, 0.05
HSL	197°, 74%, 79%
HSV	197°, 33%, 95%
XYZ	56.0240, 64.5253, 92.7209
YIQ	204.4650, -41.0340, -5.2420

Conversions

Conversions Part 2

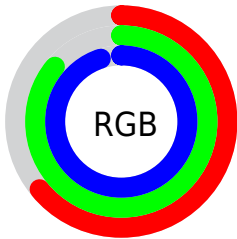
Format	Color
RYB	162, 195, 241
Decimal	10673137
CIELab	84.24, -12.84, -16.74
CIElCh	84, 21.099, 232.527
Yxy	64.5253, 0.2627, 0.3026
Android (android.graphics.Color)	4288863217 (0xFFA2DBF1)
YUV	204.4650, 18.0118, -37.2418
Hunter-Lab	80.3276, -16.0797, -12.2082

Details

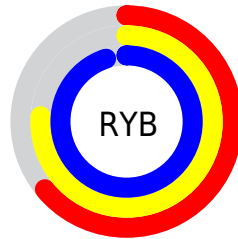
The RYB color **162, 195, 241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **241, 192, 162**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **219, 237, 255**, and **107, 140, 185** is the 20% darker color. If you saturate the color by 10%, you get **138, 181, 241**, and if you desaturate by 10%, it is **186, 209, 241**.

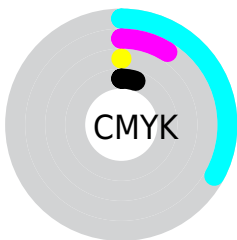
Distribution



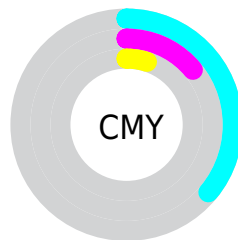
- Red (64%)
- Green (86%)
- Blue (95%)



- Red (64%)
- Yellow (76%)
- Blue (95%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)




- Cyan (36%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 195, 241 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 162, 195, 241 by changing the saturation by 10% instead.


 162, 195, 241

255, 255, 255


 219, 237, 255

 248, 252, 255

 162, 195, 241

 134, 167, 213

 107, 140, 185


 81, 113, 158

 53, 87, 132

 23, 59, 107

 0, 36, 82

 0, 25, 59

 0, 14, 37

 0, 1, 16

■ 162, 195, 241

■ 162, 195, 241

■ 138, 181, 241

■ 186, 209, 241

■ 114, 167, 241

■ 210, 223, 241

■ 90, 153, 241

■ 234, 237, 241

■ 66, 139, 241

■ 255, 249, 241

■ 42, 125, 241

■ 243, 255, 241

■ 17, 111, 241

■ 241, 255, 241

■ 0, 101, 241

Harmonies

Analogous

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



157, 190, 225



162, 195, 241



181, 203, 249

Triad

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



162, 195, 241



247, 197, 216



173, 214, 177

Complementary

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



162, 195, 241



241, 192, 162

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.



211, 231, 171



162, 195, 241



252, 197, 196

Square

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



162, 195, 241



231, 200, 235



246, 212, 179



185, 219, 217

Rectangle

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



162, 195, 241



199, 207, 249



246, 212, 179



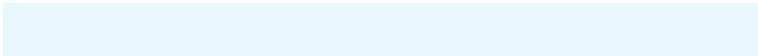
178, 217, 171

Sweetspot

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



162, 195, 241



230, 240, 255



162, 224, 241



112, 119, 128



0, 0, 0



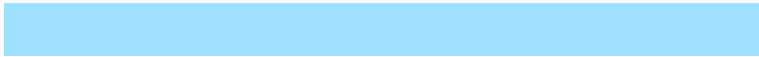
128, 128, 128

Same Dimension

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



162, 195, 241



156, 197, 255



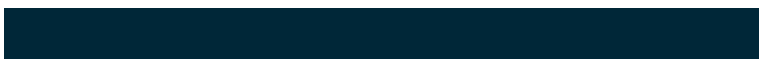
162, 177, 241



108, 113, 120



0, 77, 184



0, 23, 56

Inverse Universe

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



241, 162, 219



255, 156, 227



185, 241, 162



120, 108, 116



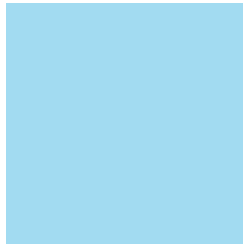
184, 0, 132



56, 0, 40

Previews

White Background



This preview shows how the RYB color 162, 195, 241 looks on a white background.

Color Contrast Check

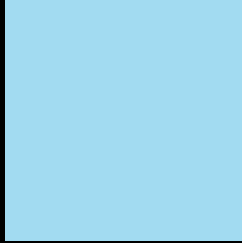
Large Text (above 18pt) WCAG AA × Fail

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 162, 195, 241 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 162, 195, 241 Background



This preview shows how black text looks on a background with the RYB color 162, 195, 241.

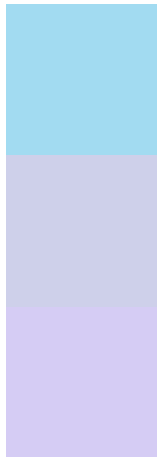


This preview shows how white text looks on a background with the RYB color 162, 195, 241.

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
162, 195, 241

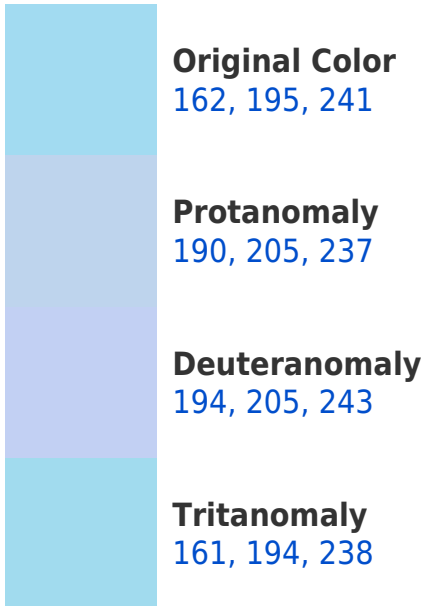
Protanopia
206, 208, 234

Deuteranopia
213, 204, 244

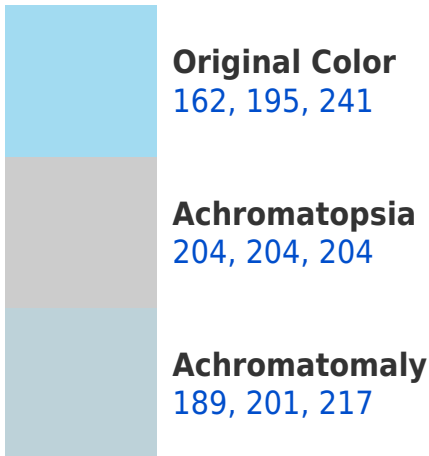


Tritanopia
161, 194, 237

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 195, 241 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(162, 219, 241)` looks like.

```
.text, #text, p{  
    color:rgb(162, 219, 241)  
}
```

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(162, 219, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 219, 241) }
```

Border

The CSS property to change the border of an element to RYB 162, 195, 241 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(162, 219, 241) }
```

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

```
.border{ border-color:rgb(162, 219, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 219, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 219, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 219, 241);  
box-shadow:4px 4px 4px 4px rgb(162, 219,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 162, 195, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 219, 241) }
```

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

```
.background{ background-color: rgb(162,  
219, 241) }
```

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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