

Converting Colors

`RYB(153, 205, 202)`

Have a look what the booklet for
RYB(153, 205, 202) contains.

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Color

R_YB(153, 205, 202)

Conversions

Conversions Part 1

Format	Color
Hex	9CCD99
RGB	156, 205, 153
RGB Percent	61%, 80%, 60%
CMY	0.3882, 0.1961, 0.4000
CMYK	0.24, 0.00, 0.25, 0.20
HSL	117°, 34%, 70%
HSV	117°, 25%, 80%
XYZ	41.2914, 53.0305, 38.1966
YIQ	184.4210, -12.5120, -26.5600

Conversions

Conversions Part 2

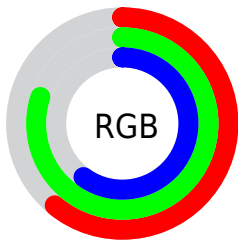
Format	Color
RYB	153, 205, 202
Decimal	10276249
CIELab	77.89, -26.03, 20.83
CIElCh	78, 33.337, 141.328
Yxy	53.0305, 0.3116, 0.4002
Android (android.graphics.Color)	4288466329 (0xFF9CCD99)
YUV	184.4210, -15.4906, -24.9252
Hunter-Lab	72.8220, -26.2258, 19.8766

Details

The RYB color **153, 205, 202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **202, 153, 205**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **208, 255, 252**, and **102, 151, 150** is the 20% darker color. If you saturate the color by 10%, you get **132, 205, 200**, and if you desaturate by 10%, it is **174, 205, 204**.

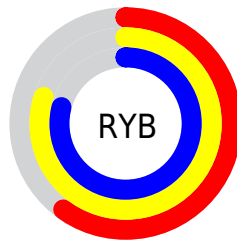
Distribution



Red (61%)

Green (80%)

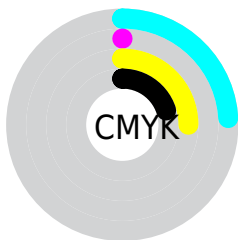
Blue (60%)



Red (60%)

Yellow (80%)

Blue (79%)

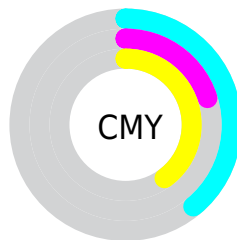


Cyan (24%)

Magenta (0%)

Yellow (25%)

Black (20%)



Cyan (39%)

Magenta (20%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 205, 202 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 153, 205, 202 by changing the saturation by 10% instead.


 153, 205, 202

255, 255, 255


 208, 255, 252

 236, 255, 251

 153, 205, 202

 127, 177, 175

 102, 151, 150

 77, 124, 123

 54, 99, 99

 29, 72, 75

 3, 46, 52

 0, 32, 32

 0, 0, 0

 153, 205, 202

 153, 205, 202

 132, 205, 200

 174, 205, 204

 112, 205, 200

 194, 205, 204

 92, 205, 199

 214, 205, 215

 71, 205, 197

 233, 205, 235

 50, 205, 196

 253, 205, 255

 30, 205, 195

 255, 205, 255

 9, 205, 193

 0, 205, 193

Harmonies

Analogous

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



134, 198, 141



153, 205, 202



120, 172, 209

Triad

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



153, 205, 202



138, 177, 253



255, 170, 172

Complementary

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



153, 205, 202



202, 153, 205

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.



248, 170, 203



153, 205, 202



184, 188, 250

Square

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



153, 205, 202



100, 160, 240



223, 177, 232



245, 192, 145

Rectangle

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



153, 205, 202



101, 157, 210



223, 177, 232



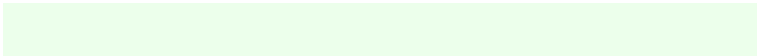
254, 170, 182

Sweetspot

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



153, 205, 202



235, 255, 254



156, 205, 153



115, 128, 128



0, 0, 0



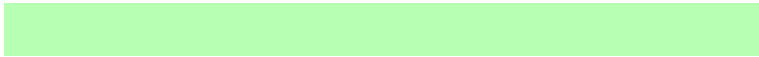
128, 128, 128

Same Dimension

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



153, 205, 202



179, 255, 251



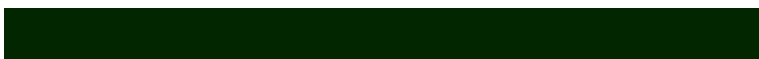
153, 189, 205



92, 102, 102



0, 166, 156



0, 38, 36

Inverse Universe

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



202, 153, 205



251, 179, 255



205, 153, 182



101, 92, 102



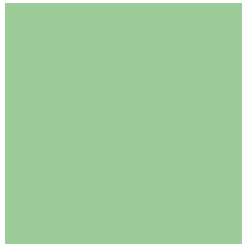
156, 0, 166



36, 0, 38

Previews

White Background



This preview shows how the RYB color 153, 205, 202 looks on a white background.

Color Contrast Check

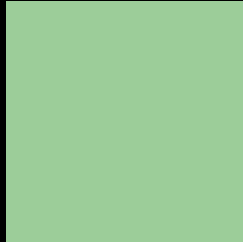
Large Text (above 18pt) WCAG AA × Fail

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 153, 205, 202 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](#).

R_YB 153, 205, 202 Background



This preview shows how black text looks on a background with the R_YB color 153, 205, 202.

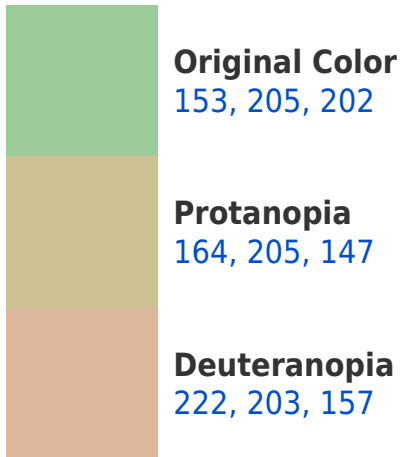


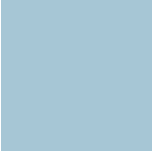
This preview shows how white text looks on a background with the R_YB color 153, 205, 202.

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
166, 185, 213

Trichromacy



Original Color
153, 205, 202

Protanomaly
149, 197, 159

Deuteranomaly
163, 198, 156

Tritanomaly
162, 184, 200

Monochromacy



Original Color
153, 205, 202

Achromatopsia
184, 184, 184

Achromatomaly
173, 192, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 205, 202 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, 205, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 205, 153)  
}
```

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, 205, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 205, 153) }
```

Border

The CSS property to change the border of an element to RYB 153, 205, 202 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, 205, 153) }
```

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

```
.border{ border-color:rgb(156, 205, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 205, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 205, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 205, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 205,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 153, 205, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 205, 153) }
```

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

```
.background{ background-color: rgb(156,  
205, 153) }
```

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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