

Converting Colors

`RYB(132, 162, 190)`

Have a look what the booklet for
RYB(132, 162, 190) contains.

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Color

R_YB(132, 162, 190)

Conversions

Conversions Part 1

Format	Color
Hex	84BEBA
RGB	132, 190, 186
RGB Percent	52%, 75%, 73%
CMY	0.4824, 0.2549, 0.2701
CMYK	0.31, 0.00, 0.02, 0.25
HSL	176°, 31%, 63%
HSV	176°, 31%, 75%
XYZ	36.8063, 45.2833, 53.3294
YIQ	172.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

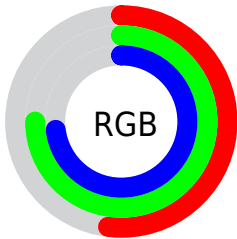
Format	Color
RYB	132, 162, 190
Decimal	8699578
CIELab	73.08, -19.51, -4.07
CIELCh	73, 19.932, 191.779
Yxy	45.2833, 0.2718, 0.3344
Android (android.graphics.Color)	4286889658 (0xFF84BEBA)
YUV	172.2020, 6.8024, -35.2572
Hunter-Lab	67.2929, -20.1307, 0.1179

Details

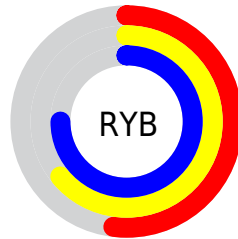
The RYB color **132, 162, 190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190, 132, 136**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **187, 218, 246**, and **80, 109, 136** is the 20% darker color. If you saturate the color by 10%, you get **113, 153, 190**, and if you desaturate by 10%, it is **151, 171, 190**.

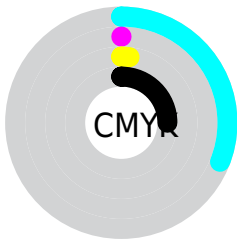
Distribution



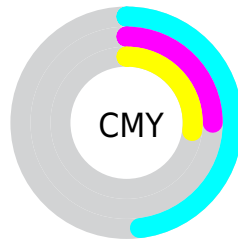
- Red (52%)
- Green (75%)
- Blue (73%)



- Red (52%)
- Yellow (64%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 162, 190 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 132, 162, 190 by changing the saturation by 10% instead.


 132, 162, 190


255, 255, 255


 187, 218, 246

 215, 235, 255

 244, 250, 255


 132, 162, 190


 106, 136, 163

 80, 109, 136

 54, 83, 111

 27, 57, 86


 0, 32, 63

 0, 21, 41


 0, 10, 19


 0, 0, 0


 132, 162, 190


 132, 162, 190

 113, 153, 190


 151, 171, 190

 94, 144, 190


 170, 180, 190

 75, 135, 190

 189, 190, 190

 56, 125, 190

 208, 190, 191

 37, 116, 190

 227, 190, 192

 18, 107, 190

 246, 190, 194

 0, 98, 190

 255, 190, 195

 255, 190, 196

 255, 190, 198

Harmonies

Analogous

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



145, 174, 189



132, 162, 190



131, 163, 203

Triad

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



132, 162, 190



192, 172, 207



204, 202, 145

Complementary

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



132, 162, 190



190, 132, 136

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.



215, 173, 156



132, 162, 190



209, 168, 191

Square

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



132, 162, 190



168, 177, 215



217, 167, 173



151, 186, 144

Rectangle

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



132, 162, 190



139, 167, 211



217, 167, 173



208, 188, 148

Sweetspot

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



132, 162, 190



225, 236, 247



132, 190, 186



111, 118, 125



252, 252, 252



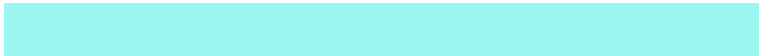
125, 125, 125

Same Dimension

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



132, 162, 190



156, 203, 247



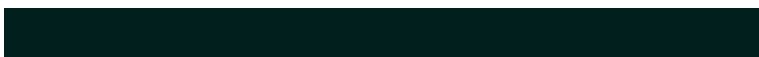
132, 153, 190



85, 90, 94



0, 82, 158



0, 16, 31

Inverse Universe

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



190, 132, 136



247, 156, 162



190, 176, 132



94, 85, 86



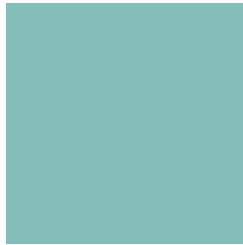
158, 0, 11



31, 0, 2

Previews

White Background



This preview shows how the RYB color 132, 162, 190 looks on a white background.

Color Contrast Check

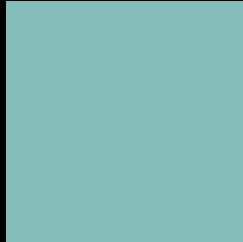
Large Text (above 18pt) WCAG AA × Fail

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 132, 162, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

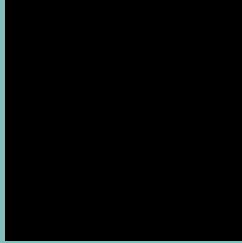
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

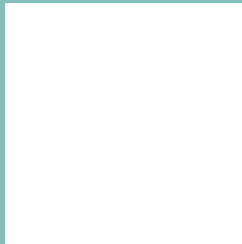
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 132, 162, 190 Background



This preview shows how black text looks on a background with the RYB color 132, 162, 190.

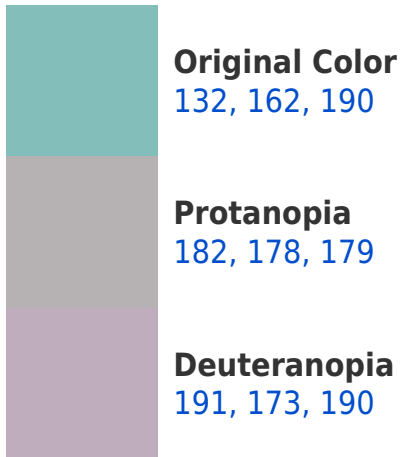


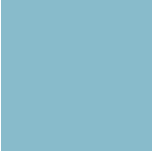
This preview shows how white text looks on a background with the RYB color 132, 162, 190.

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
136, 165, 203

Trichromacy



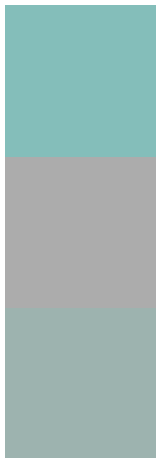
Original Color
132, 162, 190

Protanomaly
164, 173, 182

Deuteranomaly
170, 176, 189

Tritanomaly
135, 164, 197

Monochromacy



Original Color
132, 162, 190

Achromatopsia
172, 172, 172

Achromatomaly
157, 169, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 162, 190 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(132, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(132, 190, 186)  
}
```

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(132, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 190, 186) }
```

Border

The CSS property to change the border of an element to RYB 132, 162, 190 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(132, 190, 186) }
```

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

```
.border{ border-color:rgb(132, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 190, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 190, 186); box-shadow:4px 4px 4px 4px rgb(132, 190, 186) }
```

Background

The CSS property to change the background color of an element to RYB 132, 162, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 190, 186) }
```

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

```
.background{ background-color: rgb(132,  
190, 186) }
```

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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