

Converting Colors

`RYB(146, 191, 200)`

Have a look what the booklet for
RYB(146, 191, 200) contains.

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Color

$\text{RYB}(146, 191, 200)$

Conversions

Conversions Part 1

Format	Color
Hex	92C89D
RGB	146, 200, 157
RGB Percent	57%, 78%, 62%
CMY	0.4275, 0.2157, 0.3851
CMYK	0.27, 0.00, 0.22, 0.22
HSL	132°, 33%, 68%
HSV	132°, 27%, 78%
XYZ	38.5771, 49.8470, 39.3971
YIQ	178.9520, -18.3810, -24.8210

Conversions

Conversions Part 2

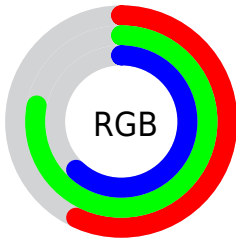
Format	Color
RYB	146, 191, 200
Decimal	9619613
CIELab	75.98, -26.25, 16.06
CIELCh	76, 30.772, 148.536
Yxy	49.8470, 0.3018, 0.3900
Android (android.graphics.Color)	4287809693 (0xFF92C89D)
YUV	178.9520, -10.8223, -28.8989
Hunter-Lab	70.6024, -26.0221, 16.3371

Details

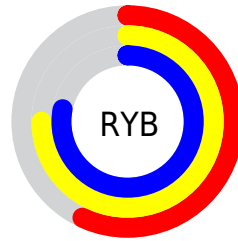
The RYB color **146, 191, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 146, 189**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **201, 246, 255**, and **94, 136, 146** is the 20% darker color. If you saturate the color by 10%, you get **126, 188, 200**, and if you desaturate by 10%, it is **166, 194, 200**.

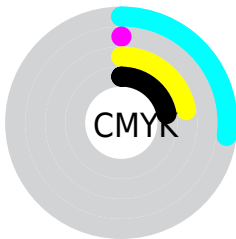
Distribution



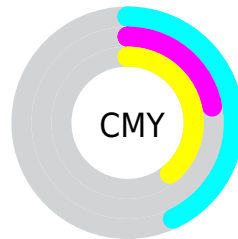
- Red (57%)
- Green (78%)
- Blue (62%)



- Red (57%)
- Yellow (75%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (43%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 191, 200 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 146, 191, 200 by changing the saturation by 10% instead.


 146, 191, 200


255, 255, 255


 201, 247, 255

 229, 247, 255

 146, 191, 200

 120, 164, 173

 94, 137, 146

 69, 110, 120

 44, 84, 95

 18, 58, 71

 0, 37, 48

 0, 29, 29


 0, 0, 0

 146, 191, 200


 146, 191, 200

 126, 188, 200


 166, 194, 200

 106, 184, 200


 186, 198, 200

 86, 181, 200


 206, 200, 205

 66, 178, 200

 226, 200, 221

 46, 174, 200

 246, 200, 237

 26, 171, 200

 255, 200, 253

 6, 168, 200

 255, 200, 255

 0, 167, 200

Harmonies

Analogous

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



137, 194, 152



146, 191, 200



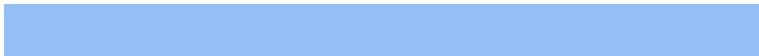
115, 164, 203

Triad

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



146, 191, 200



149, 178, 244



244, 168, 162

Complementary

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



146, 191, 200



200, 146, 189

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.



241, 166, 190



146, 191, 200



190, 180, 237

Square

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



146, 191, 200



112, 163, 235



222, 171, 217



232, 196, 140

Rectangle

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



146, 191, 200



101, 152, 204



222, 171, 217



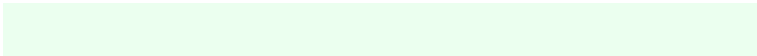
245, 167, 171

Sweetspot

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



146, 191, 200



235, 252, 255



146, 200, 157



115, 126, 128



0, 0, 0



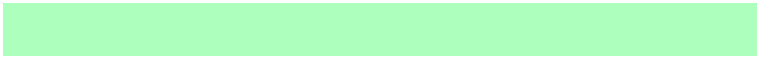
128, 128, 128

Same Dimension

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



146, 191, 200



173, 241, 255



146, 178, 200



90, 98, 99



0, 136, 163



0, 30, 36

Inverse Universe

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



200, 146, 189



255, 173, 239



200, 146, 162



99, 90, 97



163, 0, 131



36, 0, 29

Previews

White Background



This preview shows how the RYB color 146, 191, 200 looks on a white background.

Color Contrast Check

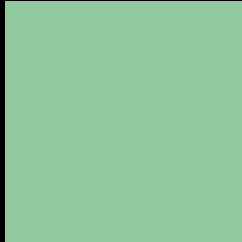
Large Text (above 18pt) WCAG AA × Fail

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 146, 191, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

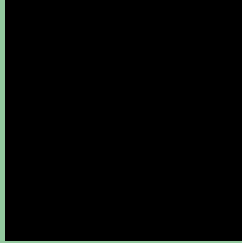
Any Text WCAG AA ✓ Pass

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 146, 191, 200 Background



This preview shows how black text looks on a background with the RYB color 146, 191, 200.

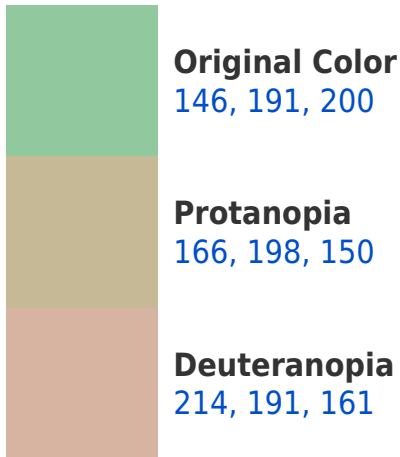


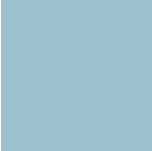
This preview shows how white text looks on a background with the RYB color 146, 191, 200.

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, 178, 208

Trichromacy



Original Color
146, 191, 200

Protanomaly
152, 191, 164

Deuteranomaly
161, 189, 159

Tritanomaly
152, 176, 196

Monochromacy



Original Color
146, 191, 200

Achromatopsia
179, 179, 179

Achromatomaly
167, 184, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 191, 200 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(146, 200, 157)` looks like.

```
.text, #text, p{  
    color:rgb(146, 200, 157)  
}
```

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(146, 200, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 200, 157) }
```

Border

The CSS property to change the border of an element to RYB 146, 191, 200 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(146, 200, 157) }
```

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

```
.border{ border-color:rgb(146, 200, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 200, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 200, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 200, 157);  
box-shadow:4px 4px 4px 4px rgb(146, 200,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 146, 191, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 200, 157) }
```

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

```
.background{ background-color: rgb(146,  
200, 157) }
```

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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