

Converting Colors

`RYB(130, 196, 180)`

Have a look what the booklet for
RYB(130, 196, 180) contains.

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Color

$\text{RYB}(130, 196, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	92C482
RGB	146, 196, 130
RGB Percent	57%, 77%, 51%
CMY	0.4275, 0.2314, 0.4902
CMYK	0.26, 0.00, 0.34, 0.23
HSL	105°, 36%, 64%
HSV	105°, 34%, 77%
XYZ	35.6233, 47.2026, 28.3526
YIQ	173.5260, -8.6140, -31.1260

Conversions

Conversions Part 2

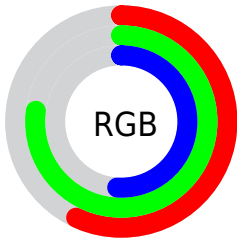
Format	Color
RYB	130, 196, 180
Decimal	9618562
CIELab	74.32, -28.81, 28.01
CIElCh	74, 40.180, 135.808
Yxy	47.2026, 0.3204, 0.4246
Android (android.graphics.Color)	4287808642 (0xFF92C482)
YUV	173.5260, -21.4583, -24.1403
Hunter-Lab	68.7041, -27.6795, 23.6253

Details

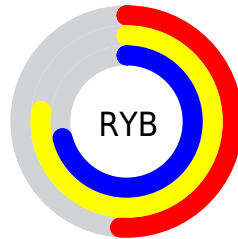
The RYB color **130, 196, 180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180, 130, 196**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **183, 253, 235**, and **80, 142, 128** is the 20% darker color. If you saturate the color by 10%, you get **110, 196, 175**, and if you desaturate by 10%, it is **150, 196, 185**.

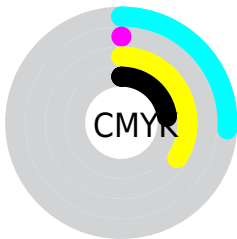
Distribution



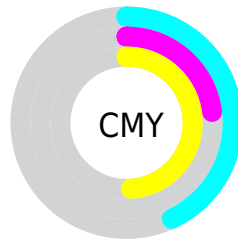
- Red (57%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)




- Cyan (43%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 196, 180 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 130, 196, 180 by changing the saturation by 10% instead.


 130, 196, 180


255, 255, 255

 183, 253, 235


 211, 255, 236


 240, 255, 240

 130, 196, 180

 104, 169, 154

 80, 142, 128

 56, 116, 104

 33, 91, 80


 10, 67, 60


 0, 44, 44

 0, 24, 24


 0, 0, 0

 130, 196, 180


 130, 196, 180

 110, 196, 175


 150, 196, 185

 91, 196, 171


 169, 196, 189


 71, 196, 166


 189, 196, 194

 52, 196, 161

 205, 196, 208


 32, 196, 156

 220, 196, 228

 12, 196, 151

 235, 196, 248

 0, 196, 148

 250, 196, 255

 255, 196, 255

Harmonies

Analogous

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



111, 188, 110



130, 196, 180



98, 161, 201

Triad

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



130, 196, 180



97, 156, 254



255, 154, 164

Complementary

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



130, 196, 180



180, 130, 196

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.



244, 156, 202



130, 196, 180



161, 177, 254

Square

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



130, 196, 180



26, 121, 235



211, 166, 235



247, 173, 131

Rectangle

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



130, 196, 180



62, 136, 203



211, 166, 235



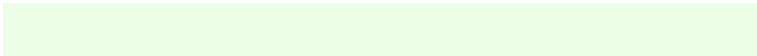
254, 154, 177

Sweetspot

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



130, 196, 180



230, 255, 249



151, 196, 130



112, 128, 124



0, 0, 0



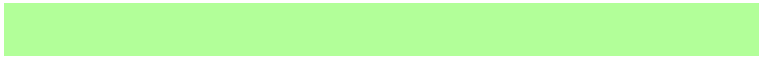
128, 128, 128

Same Dimension

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



130, 196, 180



153, 255, 230



130, 182, 196



87, 97, 94



0, 161, 122



0, 33, 25

Inverse Universe

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



180, 130, 196



230, 153, 255



196, 130, 180



95, 87, 97



122, 0, 161



25, 0, 33

Previews

White Background



This preview shows how the RYB color 130, 196, 180 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 130, 196, 180 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 130, 196, 180 Background



This preview shows how black text looks on a background with the RYB color 130, 196, 180.



This preview shows how white text looks on a background with the RYB color 130, 196, 180.

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
130, 196, 180

Protanopia
143, 197, 124

Deuteranopia
215, 215, 135



Tritanopia
158, 175, 202

Trichromacy



Original Color
130, 196, 180

Protanomaly
126, 187, 135

Deuteranomaly
141, 190, 133

Tritanomaly
154, 176, 190

Monochromacy



Original Color
130, 196, 180

Achromatopsia
174, 174, 174

Achromatomaly
158, 182, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 196, 180 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, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(146, 196, 130)  
}
```

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, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 196, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 196, 180 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, 196, 130) }
```

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

```
.border{ border-color:rgb(146, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 196, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 196, 130); box-shadow:4px 4px 4px 4px rgb(146, 196, 130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 196, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 196, 130) }
```

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

```
.background{ background-color: rgb(146,  
196, 130) }
```

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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