

Converting Colors

`RYB(114, 182, 187)`

Have a look what the booklet for
RYB(114, 182, 187) contains.

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Color

R_YB(114, 182, 187)

Conversions

Conversions Part 1

Format	Color
Hex	72BB77
RGB	114, 187, 119
RGB Percent	45%, 73%, 47%
CMY	0.5529, 0.2667, 0.5319
CMYK	0.39, 0.00, 0.36, 0.27
HSL	124°, 35%, 59%
HSV	124°, 39%, 73%
XYZ	28.0617, 40.4588, 23.8991
YIQ	157.4210, -21.6800, -36.6240

Conversions

Conversions Part 2

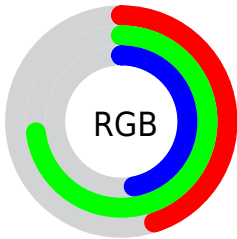
Format	Color
RYB	114, 182, 187
Decimal	7519095
CIELab	69.80, -36.87, 27.28
CIElCh	70, 45.864, 143.503
Yxy	40.4588, 0.3036, 0.4378
Android (android.graphics.Color)	4285709175 (0xFF72BB77)
YUV	157.4210, -18.9416, -38.0802
Hunter-Lab	63.6072, -32.5637, 22.2481

Details

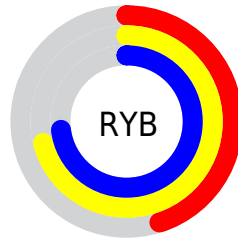
The RYB color **114, 182, 187** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **187, 114, 182**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **169, 241, 244**, and **61, 125, 133** is the 20% darker color. If you saturate the color by 10%, you get **95, 180, 187**, and if you desaturate by 10%, it is **133, 183, 187**.

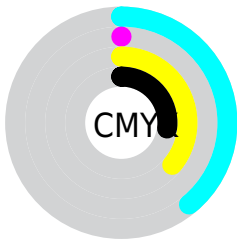
Distribution



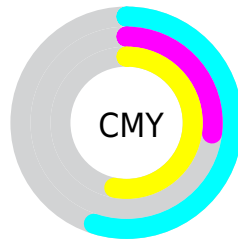
- Red (45%)
- Green (73%)
- Blue (47%)



- Red (45%)
- Yellow (71%)
- Blue (73%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 182, 187 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 114, 182, 187 by changing the saturation by 10% instead.


 114, 182, 187


255, 255, 255


 169, 241, 244

 197, 252, 255

 226, 253, 255

 114, 182, 187

 87, 154, 160

 61, 125, 133


 32, 95, 107


 0, 64, 83


 0, 59, 59

 0, 38, 38

 0, 0, 0

 114, 182, 187

 95, 180, 187

 114, 182, 187

 133, 183, 187

■ 77, 180, 187

■ 151, 184, 187

■ 58, 179, 187

■ 170, 186, 187

■ 39, 177, 187

■ 189, 187, 189

■ 21, 176, 187

■ 207, 187, 206

■ 2, 175, 187

■ 226, 187, 223

■ 0, 174, 187

■ 245, 187, 241

■ 255, 187, 255

Harmonies

Analogous

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



92, 178, 107



114, 182, 187



39, 124, 192

Triad

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



114, 182, 187



80, 143, 253



250, 139, 140

Complementary

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



114, 182, 187



187, 114, 182

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.



243, 137, 181



114, 182, 187



160, 163, 247

Square

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



114, 182, 187



0, 104, 236



214, 147, 221



235, 174, 105

Rectangle

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



114, 182, 187



0, 97, 192



214, 147, 221



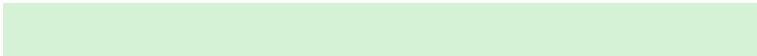
250, 137, 153

Sweetspot

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



114, 182, 187



213, 240, 242



114, 187, 119



105, 120, 122



250, 250, 250



122, 122, 122

Same Dimension

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



114, 182, 187



128, 234, 242



114, 161, 187



85, 93, 94



0, 147, 158



0, 29, 31

Inverse Universe

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



187, 114, 182



242, 128, 234



187, 114, 146



94, 85, 94



158, 0, 146



31, 0, 28

Previews

White Background



This preview shows how the RYB color 114, 182, 187 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 114, 182, 187 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 114, 182, 187 Background



This preview shows how black text looks on a background with the RYB color 114, 182, 187.

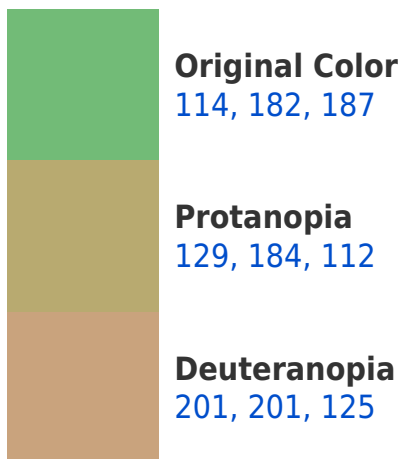


This preview shows how white text looks on a background with the RYB color 114, 182, 187.

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
129, 157, 192

Trichromacy



Original Color

114, 182, 187



Protanomaly

115, 176, 132



Deuteranomaly

123, 172, 126



Tritanomaly

124, 157, 181

Monochromacy



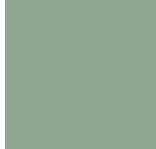
Original Color

114, 182, 187



Achromatopsia

157, 157, 157



Achromatomaly

141, 166, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 182, 187 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(114, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(114, 187, 119)  
}
```

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(114, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 187, 119) }
```

Border

The CSS property to change the border of an element to RYB 114, 182, 187 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(114, 187, 119) }
```

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

```
.border{ border-color:rgb(114, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(114, 187,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 114, 182, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 187, 119) }
```

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

```
.background{ background-color: rgb(114,  
187, 119) }
```

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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