

Converting Colors

`RYB(116, 167, 167)`

Have a look what the booklet for
RYB(116, 167, 167) contains.

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Color

R_YB(116, 167, 167)

Conversions

Conversions Part 1

Format	Color
Hex	74A774
RGB	116, 167, 116
RGB Percent	45%, 65%, 45%
CMY	0.5451, 0.3451, 0.5451
CMYK	0.31, 0.00, 0.31, 0.35
HSL	120°, 22%, 55%
HSV	120°, 31%, 65%
XYZ	24.1736, 32.6114, 21.5435
YIQ	145.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

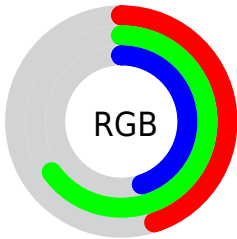
Format	Color
RYB	116, 167, 167
Decimal	7645044
CIELab	63.85, -27.37, 21.12
CIELCh	64, 34.572, 142.342
Yxy	32.6114, 0.3086, 0.4163
Android (android.graphics.Color)	4285835124 (0xFF74A774)
YUV	145.9370, -14.7589, -26.2547
Hunter-Lab	57.1064, -24.3758, 17.6071

Details

The RYB color **116, 167, 167** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **167, 116, 167**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **168, 222, 221**, and **65, 113, 115** is the 20% darker color. If you saturate the color by 10%, you get **99, 167, 167**, and if you desaturate by 10%, it is **133, 167, 167**.

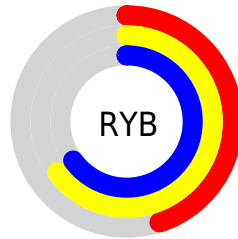
Distribution



Red (45%)

Green (65%)

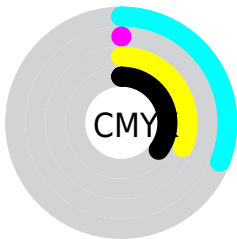
Blue (45%)



Red (45%)

Yellow (65%)

Blue (65%)

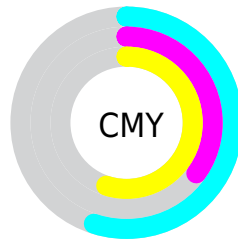


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 116, 167, 167 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 116, 167, 167 by changing the saturation by 10% instead.

 116, 167, 167


255, 255, 255


 168, 222, 221


 196, 251, 250


 224, 255, 254

 252, 255, 253

 116, 167, 167

 90, 139, 140

 65, 113, 115

 41, 86, 90


 14, 58, 66


 0, 43, 43

 0, 22, 22


 0, 0, 0

 116, 167, 167


 99, 167, 167


 116, 167, 167


 133, 167, 167


 83, 167, 167


 149, 167, 167


 66, 167, 167


 166, 167, 167


 49, 167, 167

 183, 167, 183


 33, 167, 167


 199, 167, 199


 16, 167, 167

 216, 167, 216

 0, 167, 167

 233, 167, 233

 250, 167, 250

 255, 167, 255

Harmonies

Analogous

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



97, 160, 105



116, 167, 167



76, 131, 171

Triad

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



116, 167, 167



97, 138, 215



215, 132, 133

Complementary

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



116, 167, 167



167, 116, 167

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.



209, 131, 164



116, 167, 167



147, 150, 212

Square

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



116, 167, 167



43, 113, 203



186, 139, 193



205, 157, 107

Rectangle

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



116, 167, 167



47, 110, 171



186, 139, 193



215, 131, 143

Sweetspot

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



116, 167, 167



197, 217, 217



116, 167, 116



98, 110, 110



237, 237, 237



110, 110, 110

Same Dimension

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



116, 167, 167



137, 217, 217



116, 150, 167



76, 84, 84



0, 148, 148



0, 20, 20

Inverse Universe

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



167, 116, 167



217, 137, 217



167, 116, 141



84, 76, 84



148, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RYB color 116, 167, 167 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 116, 167, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

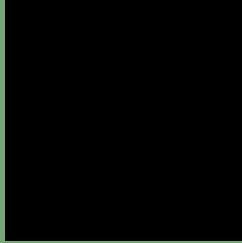
Any Text WCAG AA ✓ Pass

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 116, 167, 167 Background



This preview shows how black text looks on a background with the RYB color 116, 167, 167.

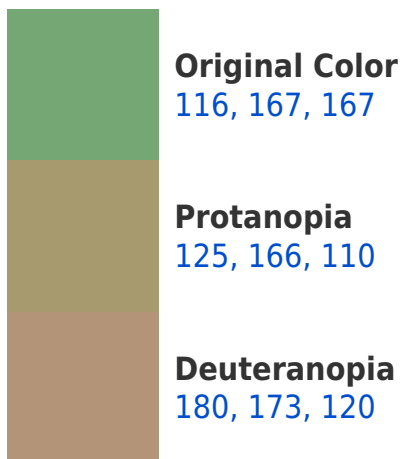


This preview shows how white text looks on a background with the RYB color 116, 167, 167.

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
126, 146, 173

Trichromacy



Original Color
116, 167, 167

Protanomaly
112, 159, 123

Deuteranomaly
121, 157, 119

Tritanomaly
122, 146, 163

Monochromacy



Original Color
116, 167, 167

Achromatopsia
146, 146, 146

Achromatomaly
135, 154, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 116, 167, 167 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(116, 167, 116)` looks like.

```
.text, #text, p{  
    color:rgb(116, 167, 116)  
}
```

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(116, 167, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 167, 116) }
```

Border

The CSS property to change the border of an element to RYB 116, 167, 167 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(116, 167, 116) }
```

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

```
.border{ border-color:rgb(116, 167, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 167, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 167, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 167, 116);  
box-shadow:4px 4px 4px 4px rgb(116, 167,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 116, 167, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 167, 116) }
```

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

```
.background{ background-color: rgb(116,  
167, 116) }
```

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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