

Converting Colors

`RYB(112, 182, 167)`

Have a look what the booklet for
RYB(112, 182, 167) contains.

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Color

R_YB(112, 182, 167)

Conversions

Conversions Part 1

Format	Color
Hex	7FB670
RGB	127, 182, 112
RGB Percent	50%, 71%, 44%
CMY	0.5020, 0.2863, 0.5608
CMYK	0.30, 0.00, 0.38, 0.29
HSL	107°, 32%, 58%
HSV	107°, 38%, 71%
XYZ	28.4050, 39.1378, 21.3865
YIQ	157.5750, -10.3100, -33.4300

Conversions

Conversions Part 2

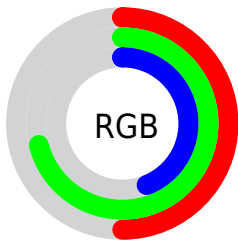
Format	Color
RYB	112, 182, 167
Decimal	8369776
CIELab	68.85, -31.45, 30.04
CIElCh	69, 43.488, 136.315
Yxy	39.1378, 0.3194, 0.4401
Android (android.graphics.Color)	4286559856 (0xFF7FB670)
YUV	157.5750, -22.4685, -26.8143
Hunter-Lab	62.5602, -28.4338, 23.5236

Details

The RYB color **112, 182, 167** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **167, 112, 182**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **164, 238, 221**, and **63, 129, 117** is the 20% darker color. If you saturate the color by 10%, you get **94, 182, 163**, and if you desaturate by 10%, it is **130, 182, 171**.

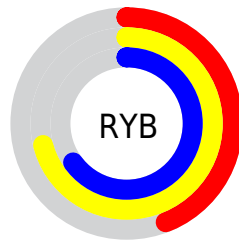
Distribution



Red (50%)

Green (71%)

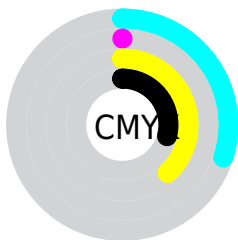
Blue (44%)



Red (44%)

Yellow (71%)

Blue (65%)

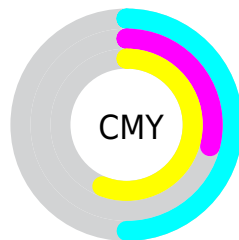


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 182, 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 112, 182, 167 by changing the saturation by 10% instead.

 112, 182, 167

255, 255, 255


 164, 238, 221


 192, 255, 237

 220, 255, 237

 249, 255, 249

 112, 182, 167

 87, 155, 141

 63, 129, 117


 39, 103, 92


 16, 79, 72


 0, 55, 55


 0, 35, 35

 0, 0, 0

 112, 182, 167

 94, 182, 163

 112, 182, 167

 130, 182, 171

■ 76, 182, 160

■ 148, 182, 174

■ 57, 182, 155

■ 167, 182, 179

■ 39, 182, 151

■ 184, 182, 185

■ 21, 182, 147

■ 198, 182, 203

■ 3, 182, 144

■ 213, 182, 221

■ 0, 182, 143

■ 227, 182, 239

■ 241, 182, 255

■ 255, 182, 255

Harmonies

Analogous

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



90, 172, 91



112, 182, 167



70, 140, 187

Triad

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



112, 182, 167



63, 133, 244



244, 137, 148

Complementary

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



112, 182, 167



167, 112, 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.



233, 138, 188



112, 182, 167



144, 161, 243

Square

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



112, 182, 167



0, 101, 224



199, 150, 223



234, 158, 113

Rectangle

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



112, 182, 167



0, 98, 189



199, 150, 223



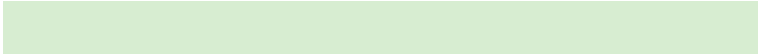
242, 136, 161

Sweetspot

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



112, 182, 167



209, 237, 231



131, 182, 112



103, 120, 116



247, 247, 247



120, 120, 120

Same Dimension

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



112, 182, 167



128, 237, 214



112, 166, 182



83, 92, 90



0, 156, 123



0, 28, 22

Inverse Universe

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



167, 112, 182



214, 128, 237



182, 112, 162



90, 83, 92



122, 0, 156



22, 0, 28

Previews

White Background



This preview shows how the RYB color 112, 182, 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 112, 182, 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 112, 182, 167 Background



This preview shows how black text looks on a background with the RYB color 112, 182, 167.



This preview shows how white text looks on a background with the RYB color 112, 182, 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](#).

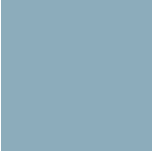
Dichromacy



Original Color
112, 182, 167

Protanopia
125, 182, 106

Deuteranopia
191, 199, 117



Tritanopia
140, 159, 187

Trichromacy



Original Color
112, 182, 167

Protanomaly
108, 172, 118

Deuteranomaly
120, 173, 115

Tritanomaly
135, 160, 176

Monochromacy



Original Color
112, 182, 167

Achromatopsia
158, 158, 158

Achromatomaly
141, 167, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 182, 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(127, 182, 112)` looks like.

```
.text, #text, p{  
    color:rgb(127, 182, 112)  
}
```

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(127, 182, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 182, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 182, 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(127, 182, 112) }
```

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

```
.border{ border-color:rgb(127, 182, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 182, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 182, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 182, 112);  
box-shadow:4px 4px 4px 4px rgb(127, 182,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 182, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 182, 112) }
```

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

```
.background{ background-color: rgb(127,  
182, 112) }
```

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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