

Converting Colors

`RYB(112, 152, 186)`

Have a look what the booklet for
RYB(112, 152, 186) contains.

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Color

R_YB(112, 152, 186)

Conversions

Conversions Part 1

Format	Color
Hex	70BAAF
RGB	112, 186, 175
RGB Percent	44%, 73%, 69%
CMY	0.5608, 0.2706, 0.3141
CMYK	0.40, 0.00, 0.06, 0.27
HSL	171°, 35%, 58%
HSV	171°, 40%, 73%
XYZ	31.9690, 41.6538, 46.8610
YIQ	162.6200, -40.5730, -19.1090

Conversions

Conversions Part 2

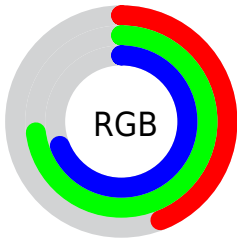
Format	Color
RYB	112, 152, 186
Decimal	7387823
CIELab	70.63, -25.69, -1.64
CIElCh	71, 25.741, 183.645
Yxy	41.6538, 0.2653, 0.3457
Android (android.graphics.Color)	4285577903 (0xFF70BAAF)
YUV	162.6200, 6.1033, -44.3937
Hunter-Lab	64.5397, -24.5265, 2.1285

Details

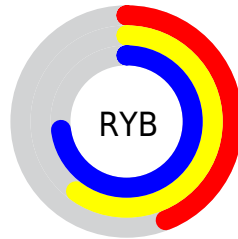
The RYB color **112, 152, 186** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **186, 112, 123**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **167, 208, 242**, and **58, 98, 133** is the 20% darker color. If you saturate the color by 10%, you get **93, 143, 186**, and if you desaturate by 10%, it is **131, 161, 186**.

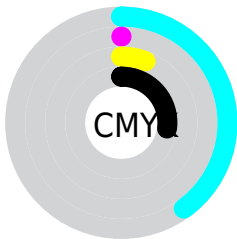
Distribution



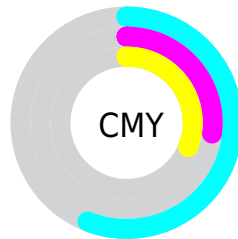
- Red (44%)
- Green (73%)
- Blue (69%)



- Red (44%)
- Yellow (60%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (56%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 152, 186 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, 152, 186 by changing the saturation by 10% instead.

 112, 152, 186


255, 255, 255


 167, 208, 242

 195, 225, 255

 224, 240, 255

253, 254, 255

 112, 152, 186

 85, 125, 159

 58, 98, 133

 28, 70, 107


 0, 43, 82


 0, 32, 59

 0, 20, 37

 0, 3, 6

 0, 0, 0

 112, 152, 186

 112, 152, 186

■ 93, 143, 186

■ 131, 161, 186

■ 75, 135, 186

■ 149, 169, 186

■ 56, 126, 186

■ 168, 178, 186

■ 38, 118, 186

■ 186, 186, 186

■ 19, 109, 186

■ 205, 186, 189

■ 0, 101, 186

■ 224, 186, 192

■ 242, 186, 194

■ 255, 186, 197

■ 255, 186, 200

Harmonies

Analogous

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



135, 172, 184



112, 152, 186



103, 147, 198

Triad

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



112, 152, 186



180, 166, 212



208, 187, 132

Complementary

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



112, 152, 186



186, 112, 123

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.



219, 160, 148



112, 152, 186



205, 159, 194

Square

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



112, 152, 186



148, 167, 219



219, 156, 171



146, 187, 126

Rectangle

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



112, 152, 186



111, 153, 210



219, 156, 171



213, 175, 136

Sweetspot

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



112, 152, 186



213, 229, 242



112, 186, 175



105, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



112, 152, 186



126, 189, 242



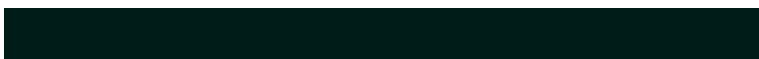
112, 141, 186



83, 88, 92



0, 85, 156



0, 15, 28

Inverse Universe

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



186, 112, 123



242, 126, 143



186, 152, 112



92, 83, 84



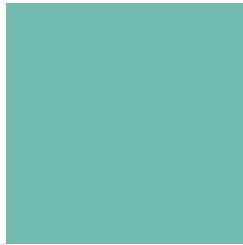
156, 0, 23



28, 0, 4

Previews

White Background



This preview shows how the RYB color 112, 152, 186 looks on a white background.

Color Contrast Check

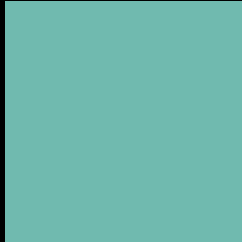
Large Text (above 18pt) WCAG AA × Fail

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, 152, 186 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, 152, 186 Background



This preview shows how black text looks on a background with the RYB color 112, 152, 186.



This preview shows how white text looks on a background with the RYB color 112, 152, 186.

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



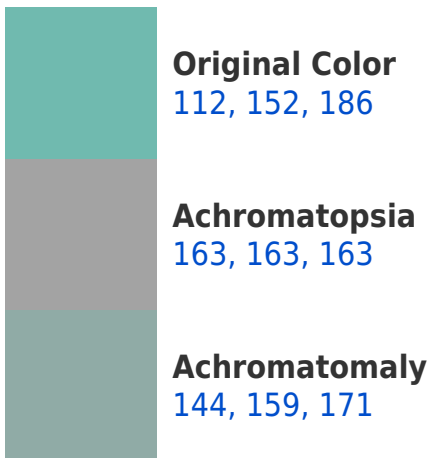


Tritanopia
118, 154, 197

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 152, 186 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(112, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(112, 186, 175)  
}
```

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(112, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 186, 175) }
```

Border

The CSS property to change the border of an element to RYB 112, 152, 186 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(112, 186, 175) }
```

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

```
.border{ border-color:rgb(112, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(112, 186,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 112, 152, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 186, 175) }
```

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

```
.background{ background-color: rgb(112,  
186, 175) }
```

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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