Converting Colors

RYB(112, 184, 185)

Have a look what the booklet for RYB(112, 184, 185) contains.

Color

RYB(112, 184, 185)

Conversions

Conversions Part 1

Format	Color
Hex	70B971
RGB	112, 185, 113
RGB Percent	44%, 73%, 44%
CMY	0.5608, 0.2745, 0.5568
CMYK	0.39, 0.00, 0.39, 0.27
HSL	121°, 34%, 58%
HSV	121°, 39%, 73%
XYZ	27.0125, 39.3352, 21.7956
YIQ	154.9650, -20.3960, -37.8680

Conversions

Conversions Part 2

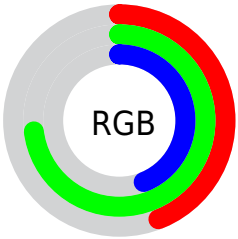
Format	Color
RYB	112, 184, 185
Decimal	7387505
CIELab	68.99, -37.62, 29.55
CIELCh	69, 47.832, 141.852
Yxy	39.3352, 0.3065, 0.4463
Android (android.graphics.Color)	4285577585 (0xFF70B971)
YUV	154.9650, -20.6887, -37.6803
Hunter-Lab	62.7178, -32.8765, 23.2981

Details

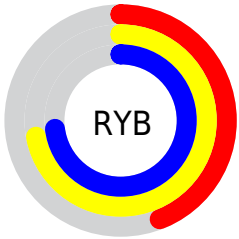
The RYB color 112, 184, 185 is a dark color, and the websafe version is hex 66CC99. A complement of this color would be 185, 112, 184, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 166, 242, 241, and 58, 125, 131 is the 20% darker color. If you saturate the color by 10%, you get 94, 184, 185, and if you desaturate by 10%, it is 131, 185, 185.

Distribution

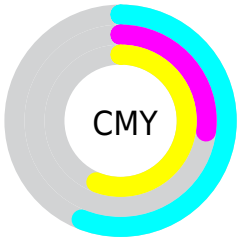


- Red (44%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (72%)
- Blue (73%)

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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 184, 185 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, 184, 185 by changing the saturation by 10% instead.

112, 184, 185	112, 184, 185
255, 255, 255	85, 155, 158
166, 242, 241	58, 125, 131
193, 255, 253	30, 97, 106
221, 255, 252	0, 67, 81
250, 255, 252	0, 57, 57
	0, 37, 37
	0, 0, 0

112, 184, 185	112, 184, 185
94, 184, 185	131, 185, 185

75, 183, 185

57, 184, 185

38, 183, 185

20, 183, 185

1, 182, 185

0, 182, 185

149, 184, 185

168, 185, 185

186, 185, 186

205, 185, 204

223, 185, 222

242, 185, 241

255, 185, 255

Harmonies

Analogous

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

85, 176, 98

112, 184, 185

25, 117, 190

Triad

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

112, 184, 185

61, 133, 254

250, 134, 138

Complementary

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

112, 184, 185

185, 112, 184

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, 134, 182

112, 184, 185

153, 161, 249

Square

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

112, 184, 185

0, 104, 235

211, 145, 222

236, 168, 102

Rectangle

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

112, 184, 185

0, 97, 191

211, 145, 222

250, 133, 153

Sweetspot

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

112, 184, 185

211, 240, 240

112, 185, 112

103, 120, 120

247, 247, 247

120, 120, 120

Same Dimension

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

112, 184, 185

127, 238, 240

112, 160, 185

83, 92, 92

0, 154, 156

0, 28, 28

Inverse Universe

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

185, 112, 184

240, 127, 238

185, 112, 149

92, 83, 92

156, 0, 153

28, 0, 28

Previews

White Background

This preview shows how the RYB color 112, 184, 185 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, 184, 185 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, 184, 185 Background

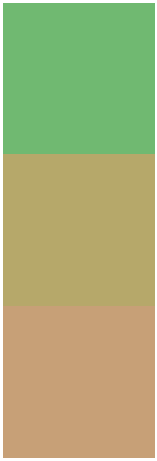
This preview shows how black text looks on a background with the RYB color 112, 184, 185.

This preview shows how white text looks on a background with the RYB color 112, 184, 185.

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, 184, 185

Protanopia
123, 182, 106

Deuteranopia
195, 199, 119

Tritanopia
127, 155, 190

Trichromacy

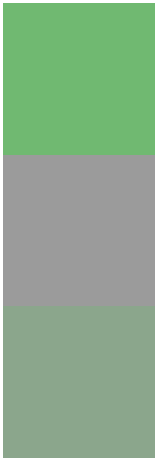
Original Color
112, 184, 185

Protanomaly
109, 174, 126

Deuteranomaly
117, 169, 119

Tritanomaly
122, 155, 179

Monochromacy



Original Color
112, 184, 185

Achromatopsia
155, 155, 155

Achromatomaly
139, 165, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 184, 185 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, 185, 113) looks like.

```
.text, #text, p{
    color:rgb(112, 185, 113)
}
```

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, 185, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 185, 113) }
```

Border

The CSS property to change the border of an element to RYB 112, 184, 185 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, 185, 113) }
```

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

```
.border{ border-color:rgb(112, 185, 113) }
```

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

Here you see how a box with a 4 pixel rgb(112, 185, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 185, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 185, 113); box-shadow:4px 4px 4px 4px rgb(112, 185, 113) }
```

Background

The CSS property to change the background color of an element to RYB 112, 184, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(112, 185, 113) }
```

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

```
.background{ background-color:rgb(112,
185, 113) }
```

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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