Converting Colors

RYB(105, 157, 182)

Have a look what the booklet for RYB(105, 157, 182) contains.

Color

RYB(105, 157, 182)

Conversions

Conversions Part 1

Format	Color
Hex	69B68E
RGB	105, 182, 142
RGB Percent	41%, 71%, 56%
CMY	0.5882, 0.2863, 0.4431
CMYK	0.42, 0.00, 0.22, 0.29
HSL	149°, 35%, 56%
HSV	149°, 42%, 71%
XYZ	27.4376, 38.4127, 31.5670
YIQ	154.4170, -33.0520, -28.7640

Conversions

Conversions Part 2

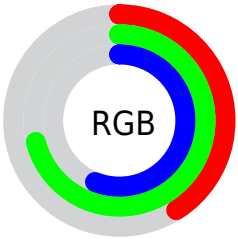
Format	Color
RYB	105, 157, 182
Decimal	6928014
CIELab	68.32, -33.01, 13.02
CIELCh	68, 35.487, 158.483
Yxy	38.4127, 0.2816, 0.3943
Android (android.graphics.Color)	4285118094 (0xFF69B68E)
YUV	154.4170, -6.1216, -43.3387
Hunter-Lab	61.9780, -29.4398, 13.1866

Details

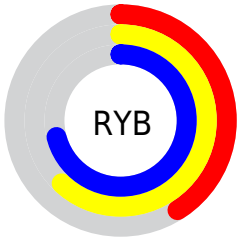
The RYB color 105, 157, 182 is a dark color, and the websafe version is hex 66CC99. A complement of this color would be 182, 105, 145, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 159, 213, 238, and 51, 102, 129 is the 20% darker color. If you saturate the color by 10%, you get 87, 151, 182, and if you desaturate by 10%, it is 123, 163, 182.

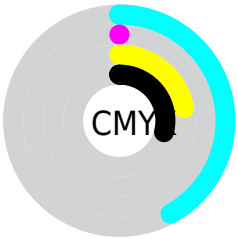
Distribution



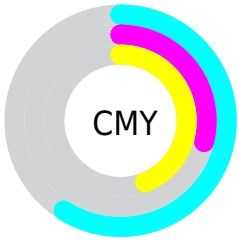
- Red (41%)
- Green (71%)
- Blue (56%)



- Red (41%)
- Yellow (62%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 157, 182 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 105, 157, 182 by changing the saturation by 10% instead.

105, 157, 182

255, 255, 255

159, 213, 238

187, 231, 255

216, 236, 255

245, 250, 255

105, 157, 182

78, 130, 155

51, 102, 129

20, 73, 103

0, 49, 78

0, 38, 55

0, 35, 35

0, 0, 0

105, 157, 182

87, 151, 182

105, 157, 182

123, 163, 182

69, 145, 182

50, 139, 182

32, 133, 182

14, 127, 182

0, 123, 182

141, 169, 182

160, 175, 182

178, 181, 182

196, 182, 189

214, 182, 199

232, 182, 208

251, 182, 218

255, 182, 227

Harmonies

Analogous

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

115, 176, 147

105, 157, 182

63, 126, 184

Triad

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

105, 157, 182

136, 159, 230

226, 152, 128

Complementary

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

105, 157, 182

182, 105, 145

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.

229, 142, 159

105, 157, 182

182, 155, 217

Square

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

105, 157, 182

82, 139, 225

214, 145, 191

208, 206, 107

Rectangle

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

105, 157, 182

42, 116, 196

214, 145, 191

229, 144, 138

Sweetspot

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

105, 157, 182

206, 227, 237

105, 182, 141

101, 114, 120

247, 247, 247

120, 120, 120

Same Dimension

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

105, 157, 182

116, 198, 237

105, 144, 182

83, 89, 92

0, 105, 156

0, 19, 28

Inverse Universe

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

182, 105, 145

237, 116, 179

182, 105, 108

92, 83, 87

156, 0, 81

28, 0, 15

Previews

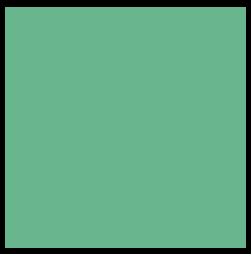
White Background

This preview shows how the RYB color 105, 157, 182 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



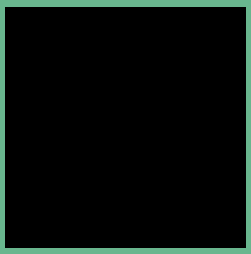
This preview shows how the RYB color 105, 157, 182 looks on a black background.

Color Contrast Check

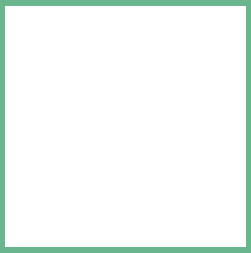
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 105, 157, 182 Background



This preview shows how black text looks on a background with the RYB color 105, 157, 182.



This preview shows how white text looks on a background with the RYB color 105, 157, 182.

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
105, 157, 182

Protanopia
149, 176, 134

Deuteranopia
189, 166, 147

Tritanopia
116, 149, 190

Trichromacy

Original Color
105, 157, 182

Protanomaly
137, 171, 158

Deuteranomaly
145, 168, 155

Tritanomaly
112, 146, 178

Monochromacy

Original Color
105, 157, 182

Achromatopsia
154, 154, 154

Achromatomaly
136, 155, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 157, 182 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(105, 182, 142) looks like.

```
.text, #text, p{
    color:rgb(105, 182, 142)
}
```

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(105, 182, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 182, 142) }
```

Border

The CSS property to change the border of an element to RYB 105, 157, 182 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(105, 182, 142) }
```

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

```
.border{ border-color:rgb(105, 182, 142) }
```

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

Here you see how a box with a 4 pixel rgb(105, 182, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 182, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 182, 142); box-shadow:4px 4px 4px 4px rgb(105, 182, 142) }
```

Background

The CSS property to change the background color of an element to RYB 105, 157, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(105, 182, 142) }
```

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

```
.background{ background-color:rgb(105,
182, 142) }
```

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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