

Converting Colors

`RYB(115, 155, 171)`

Have a look what the booklet for
RYB(115, 155, 171) contains.

RYB(115, 155, 171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(115, 155, 171)

Conversions

Conversions Part 1

Format	Color
Hex	73AB89
RGB	115, 171, 137
RGB Percent	45%, 67%, 54%
CMY	0.5490, 0.3294, 0.4612
CMYK	0.33, 0.00, 0.20, 0.33
HSL	144°, 25%, 56%
HSV	144°, 33%, 67%
XYZ	26.1773, 34.5883, 29.1142
YIQ	150.3800, -22.4620, -22.4460

Conversions

Conversions Part 2

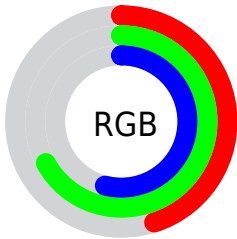
Format	Color
RYB	115, 155, 171
Decimal	7580553
CIELab	65.43, -25.67, 11.54
CIELCh	65, 28.143, 155.785
Yxy	34.5883, 0.2912, 0.3848
Android (android.graphics.Color)	4285770633 (0xFF73AB89)
YUV	150.3800, -6.5963, -31.0283
Hunter-Lab	58.8118, -23.4700, 11.8174

Details

The RYB color **115, 155, 171** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **171, 115, 149**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **168, 211, 227**, and **64, 102, 118** is the 20% darker color. If you saturate the color by 10%, you get **98, 150, 171**, and if you desaturate by 10%, it is **132, 160, 171**.

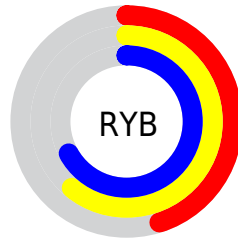
Distribution



Red (45%)

Green (67%)

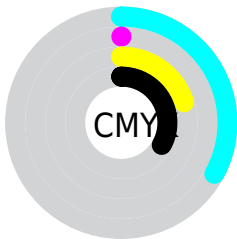
Blue (54%)



Red (45%)

Yellow (61%)

Blue (67%)

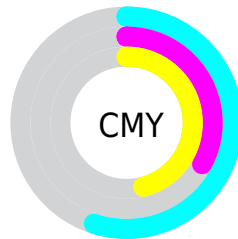


Cyan (33%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 155, 171 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 115, 155, 171 by changing the saturation by 10% instead.

 115, 155, 171

255, 255, 255


 168, 210, 227

 196, 238, 255


 225, 242, 255


254, 255, 255

 115, 155, 171


 98, 150, 171

 115, 155, 171

 89, 128, 144

 64, 102, 118

 39, 76, 93


 11, 49, 69


 0, 32, 47

 0, 27, 27


 0, 0, 0

 115, 155, 171


 132, 160, 171

 81, 145, 171


 149, 165, 171


 64, 140, 171


 166, 170, 171


 47, 136, 171

 183, 171, 178

 29, 130, 171

 200, 171, 189

 12, 125, 171

 218, 171, 199

 0, 122, 171

 235, 171, 209

 252, 171, 219

 255, 171, 230

Harmonies

Analogous

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



117, 166, 139



115, 155, 171



89, 134, 173

Triad

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



115, 155, 171



133, 153, 209



207, 145, 131

Complementary

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



115, 155, 171



171, 115, 149

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.



208, 140, 155



115, 155, 171



169, 151, 200

Square

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



115, 155, 171



98, 140, 204



195, 143, 180



194, 179, 114

Rectangle

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



115, 155, 171



79, 127, 180



195, 143, 180



209, 141, 138

Sweetspot

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



115, 155, 171



200, 216, 222



115, 171, 137



99, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



115, 155, 171



135, 197, 222



115, 145, 171



78, 85, 87



0, 107, 150



0, 17, 23

Inverse Universe

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



171, 115, 149



222, 135, 187



171, 115, 121



87, 78, 83



150, 0, 90



23, 0, 14

Previews

White Background



This preview shows how the RYB color 115, 155, 171 looks on a white background.

Color Contrast Check

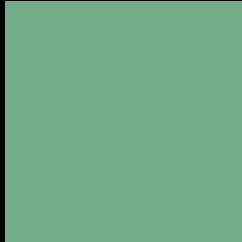
Large Text (above 18pt) WCAG AA × Fail

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 115, 155, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

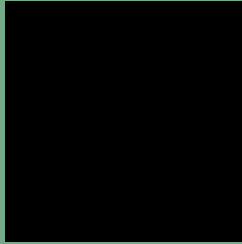
Any Text WCAG AA ✓ Pass

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](#).

R Y B 115, 155, 171 Background



This preview shows how black text looks on a background with the RYB color 115, 155, 171.

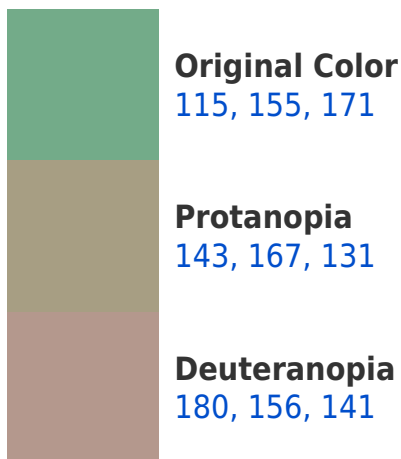


This preview shows how white text looks on a background with the RYB color 115, 155, 171.

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
124, 147, 179

Trichromacy



Original Color
115, 155, 171

Protanomaly
133, 163, 148

Deuteranomaly
140, 159, 143

Tritanomaly
121, 145, 167

Monochromacy



Original Color
115, 155, 171

Achromatopsia
150, 150, 150

Achromatomaly
137, 152, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 155, 171 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(115, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(115, 171, 137)  
}
```

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(115, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 171, 137) }
```

Border

The CSS property to change the border of an element to RYB 115, 155, 171 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(115, 171, 137) }
```

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

```
.border{ border-color:rgb(115, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(115, 171,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 115, 155, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 171, 137) }
```

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

```
.background{ background-color: rgb(115,  
171, 137) }
```

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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