

Converting Colors

`RYB(113, 193, 115)`

Have a look what the booklet for
RYB(113, 193, 115) contains.

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Color

R_YB(113, 193, 115)

Conversions

Conversions Part 1

Format	Color
Hex	BFC171
RGB	191, 193, 113
RGB Percent	75%, 76%, 44%
CMY	0.2510, 0.2431, 0.5569
CMYK	0.01, 0.00, 0.41, 0.24
HSL	61°, 39%, 60%
HSV	61°, 41%, 76%
XYZ	43.5365, 50.4085, 23.0580
YIQ	183.2820, 24.4880, -25.3040

Conversions

Conversions Part 2

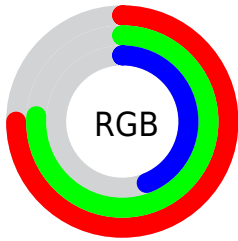
Format	Color
RYB	113, 193, 115
Decimal	12566897
CIELab	76.32, -12.50, 39.96
CIELCh	76, 41.870, 107.373
Yxy	50.4085, 0.3721, 0.4308
Android (android.graphics.Color)	4290756977 (0xFFBFC171)
YUV	183.2820, -34.6490, 6.7687
Hunter-Lab	70.9990, -14.7923, 30.4440

Details

The RYB color **113, 193, 115** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **115, 113, 193**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **166, 249, 166**, and **63, 140, 67** is the 20% darker color. If you saturate the color by 10%, you get **94, 193, 96**, and if you desaturate by 10%, it is **132, 193, 134**.

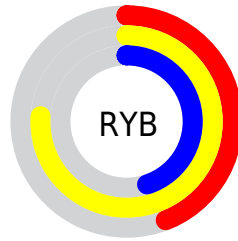
Distribution



Red (75%)

Green (76%)

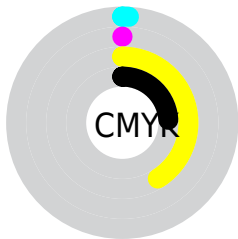
Blue (44%)



Red (44%)

Yellow (76%)

Blue (45%)

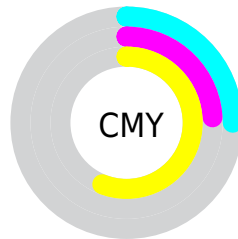


Cyan (1%)

Magenta (0%)

Yellow (41%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 193, 115 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 113, 193, 115 by changing the saturation by 10% instead.

 113, 193, 115


255, 255, 255


 166, 249, 166


 194, 255, 194

 222, 255, 222

 251, 255, 251

 113, 193, 115

 88, 166, 91

 63, 140, 67

 38, 114, 42

 12, 90, 18


 0, 66, 7

 0, 44, 9

 0, 25, 22

 0, 0, 0

 113, 193, 115

 113, 193, 115

■ 94, 193, 96

■ 132, 193, 134

■ 74, 193, 77

■ 152, 193, 153

■ 55, 193, 58

■ 171, 193, 172

■ 36, 193, 40

■ 190, 193, 190

■ 16, 193, 20

■ 193, 193, 209

■ 0, 193, 5

■ 194, 193, 229

■ 194, 193, 248

■ 195, 193, 255

Harmonies

Analogous

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



195, 228, 113



113, 193, 115



134, 202, 189

Triad

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



113, 193, 115



12, 117, 244



253, 160, 206

Complementary

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



113, 193, 115



115, 113, 193

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.



221, 170, 241



113, 193, 115



101, 160, 255

Square

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



113, 193, 115



29, 119, 210



168, 182, 255



255, 159, 167

Rectangle

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



113, 193, 115



114, 177, 206



168, 182, 255



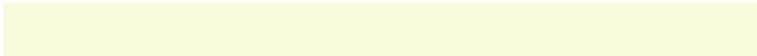
245, 162, 219

Sweetspot

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



113, 193, 115



220, 250, 221



193, 114, 113



107, 125, 107



252, 252, 252



125, 125, 125

Same Dimension

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



113, 193, 115



125, 250, 128



113, 193, 154



87, 97, 87



0, 161, 4



0, 33, 1

Inverse Universe

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



115, 113, 193



128, 125, 250



154, 113, 193



87, 87, 97



4, 0, 161



1, 0, 33

Previews

White Background



This preview shows how the RYB color 113, 193, 115 looks on a white background.

Color Contrast Check

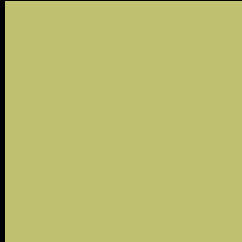
Large Text (above 18pt) WCAG AA × Fail

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 113, 193, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

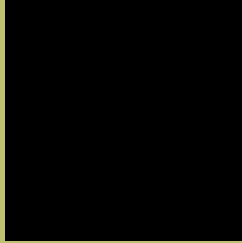
Any Text WCAG AA ✓ Pass

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 113, 193, 115 Background



This preview shows how black text looks on a background with the RYB color 113, 193, 115.



This preview shows how white text looks on a background with the RYB color 113, 193, 115.

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
[113, 193, 115](#)

Protanopia
[133, 206, 111](#)

Deuteranopia
[200, 228, 116](#)



Tritanopia
201, 183, 197

Trichromacy



Original Color
113, 193, 115

Protanomaly
125, 201, 112

Deuteranomaly
158, 215, 115

Tritanomaly
181, 197, 166

Monochromacy



Original Color
113, 193, 115

Achromatopsia
183, 183, 183

Achromatomaly
158, 187, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 193, 115 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(191, 193, 113)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 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(191, 193, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 113) }
```

Border

The CSS property to change the border of an element to RYB 113, 193, 115 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(191, 193, 113) }
```

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

```
.border{ border-color:rgb(191, 193, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 113);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 113, 193, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 113) }
```

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

```
.background{ background-color: rgb(191,  
193, 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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