

Converting Colors

`RYB(104, 193, 157)`

Have a look what the booklet for
RYB(104, 193, 157) contains.

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Color

R_YB(104, 193, 157)

Conversions

Conversions Part 1

Format	Color
Hex	8CC168
RGB	140, 193, 104
RGB Percent	55%, 76%, 41%
CMY	0.4510, 0.2431, 0.5922
CMYK	0.27, 0.00, 0.46, 0.24
HSL	96°, 42%, 58%
HSV	96°, 46%, 76%
XYZ	32.3839, 44.7149, 20.0207
YIQ	167.0070, -3.0190, -38.9150

Conversions

Conversions Part 2

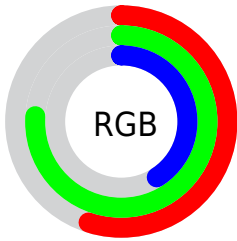
Format	Color
RYB	104, 193, 157
Decimal	9224552
CIELab	72.70, -33.12, 39.21
CIELCh	73, 51.327, 130.190
Yxy	44.7149, 0.3334, 0.4604
Android (android.graphics.Color)	4287414632 (0xFF8CC168)
YUV	167.0070, -31.0625, -23.6851
Hunter-Lab	66.8692, -30.5758, 29.0569

Details

The RYB color **104, 193, 157** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **157, 104, 193**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **157, 250, 212**, and **54, 139, 106** is the 20% darker color. If you saturate the color by 10%, you get **85, 193, 149**, and if you desaturate by 10%, it is **123, 193, 165**.

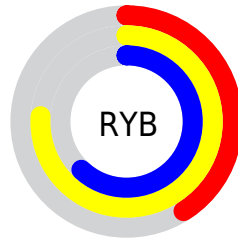
Distribution



Red (55%)

Green (76%)

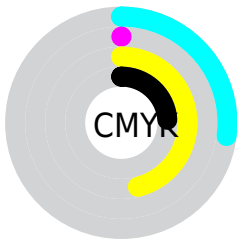
Blue (41%)



Red (41%)

Yellow (76%)

Blue (62%)

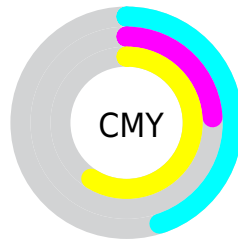


Cyan (27%)

Magenta (0%)

Yellow (46%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 193, 157 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 104, 193, 157 by changing the saturation by 10% instead.

 104, 193, 157


255, 255, 255


 157, 250, 212


 184, 255, 215

 212, 255, 214

 241, 255, 241

 104, 193, 157

 79, 166, 132

 54, 139, 106

 29, 113, 81

 0, 88, 54

 0, 65, 59

 0, 42, 42

 0, 17, 17

 0, 0, 0

 104, 193, 157

 104, 193, 157

■ 85, 193, 149

■ 123, 193, 165

■ 65, 193, 141

■ 143, 193, 173

■ 46, 193, 133

■ 162, 193, 181

■ 27, 193, 126

■ 181, 193, 188

■ 7, 193, 117

■ 197, 193, 200

■ 0, 193, 115

■ 209, 193, 220

■ 220, 193, 239

■ 232, 193, 255

■ 243, 193, 255

Harmonies

Analogous

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



93, 191, 82



104, 193, 157



71, 153, 200

Triad

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



104, 193, 157



0, 110, 255



255, 139, 164

Complementary

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



104, 193, 157



157, 104, 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.



249, 144, 211



104, 193, 157



129, 164, 255

Square

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



104, 193, 157



0, 109, 238



203, 160, 250



255, 155, 120

Rectangle

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



104, 193, 157



0, 108, 202



203, 160, 250



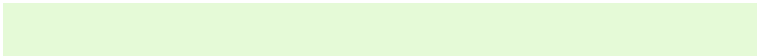
255, 139, 180

Sweetspot

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



104, 193, 157



215, 250, 236



167, 193, 104



104, 125, 117



252, 252, 252



125, 125, 125

Same Dimension

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



104, 193, 157



112, 250, 194



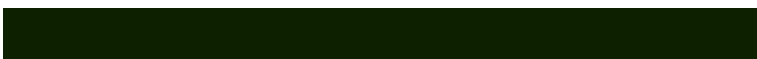
104, 187, 193



87, 97, 93



0, 161, 96



0, 33, 20

Inverse Universe

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



157, 104, 193



194, 112, 250



193, 104, 186



93, 87, 97



96, 0, 161



20, 0, 33

Previews

White Background



This preview shows how the RYB color 104, 193, 157 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 104, 193, 157 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 104, 193, 157 Background



This preview shows how black text looks on a background with the RYB color 104, 193, 157.



This preview shows how white text looks on a background with the RYB color 104, 193, 157.

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](#).

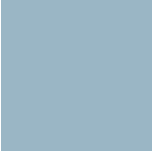
Dichromacy



Original Color
104, 193, 157

Protanopia
120, 195, 99

Deuteranopia
189, 215, 110



Tritanopia
154, 171, 197

Trichromacy



Original Color
104, 193, 157

Protanomaly
101, 183, 109

Deuteranomaly
119, 188, 108

Tritanomaly
149, 176, 186

Monochromacy



Original Color
104, 193, 157

Achromatopsia
167, 167, 167

Achromatomaly
144, 176, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 193, 157 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(140, 193, 104)` looks like.

```
.text, #text, p{  
    color:rgb(140, 193, 104)  
}
```

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(140, 193, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 193, 104) }
```

Border

The CSS property to change the border of an element to RYB 104, 193, 157 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(140, 193, 104) }
```

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

```
.border{ border-color:rgb(140, 193, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 193, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 193, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 193, 104);  
box-shadow:4px 4px 4px 4px rgb(140, 193,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 104, 193, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 193, 104) }
```

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

```
.background{ background-color: rgb(140,  
193, 104) }
```

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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