

Converting Colors

`RYB(104, 183, 141)`

Have a look what the booklet for
RYB(104, 183, 141) contains.

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Color

R_YB(104, 183, 141)

Conversions

Conversions Part 1

Format	Color
Hex	92B768
RGB	146, 183, 104
RGB Percent	57%, 72%, 41%
CMY	0.4275, 0.2824, 0.5922
CMYK	0.20, 0.00, 0.43, 0.28
HSL	88°, 35%, 56%
HSV	88°, 43%, 72%
XYZ	31.2862, 40.9774, 19.3572
YIQ	162.9310, 3.3070, -32.4130

Conversions

Conversions Part 2

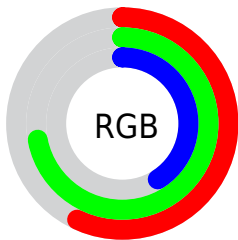
Format	Color
RYB	104, 183, 141
Decimal	9615208
CIELab	70.16, -26.15, 36.09
CIELCh	70, 44.571, 125.923
Yxy	40.9774, 0.3415, 0.4473
Android (android.graphics.Color)	4287805288 (0xFF92B768)
YUV	162.9310, -29.0530, -14.8485
Hunter-Lab	64.0136, -24.7831, 26.8807

Details

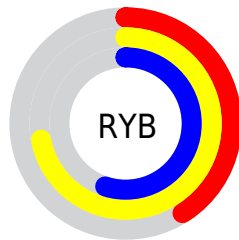
The RYB color **104, 183, 141** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **141, 104, 183**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **156, 239, 194**, and **55, 130, 91** is the 20% darker color. If you saturate the color by 10%, you get **86, 183, 132**, and if you desaturate by 10%, it is **122, 183, 150**.

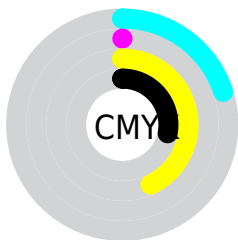
Distribution



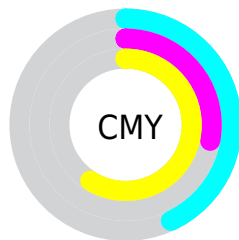
- Red (57%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (55%)



- Cyan (20%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (43%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 183, 141 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, 183, 141 by changing the saturation by 10% instead.

 104, 183, 141

255, 255, 255


 156, 239, 194

 184, 255, 209


 212, 255, 212

 240, 255, 240

 104, 183, 141

 79, 156, 116

 55, 130, 91

 31, 105, 68

 4, 80, 40

 0, 57, 37

 0, 36, 36

 0, 1, 1

 0, 0, 0

 104, 183, 141

 104, 183, 141

■ 86, 183, 132

■ 122, 183, 150

■ 67, 183, 121

■ 141, 183, 161

■ 49, 183, 112

■ 159, 183, 170

■ 31, 183, 102

■ 177, 183, 180

■ 12, 183, 92

■ 189, 183, 195

■ 0, 183, 86

■ 197, 183, 214

■ 206, 183, 232

■ 215, 183, 250

■ 223, 183, 255

Harmonies

Analogous

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



109, 189, 89



104, 183, 141



94, 160, 190

Triad

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



104, 183, 141



0, 105, 245



248, 139, 165

Complementary

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



104, 183, 141



141, 104, 183

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, 144, 205



104, 183, 141



121, 158, 252

Square

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



104, 183, 141



0, 102, 218



186, 158, 237



245, 147, 126

Rectangle

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



104, 183, 141



41, 124, 192



186, 158, 237



244, 139, 179

Sweetspot

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



104, 183, 141



206, 237, 220



183, 174, 104



101, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



104, 183, 141



114, 237, 172



104, 183, 180



83, 92, 87



0, 156, 73



0, 28, 13

Inverse Universe

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



141, 104, 183



172, 114, 237



180, 104, 183



87, 83, 92



73, 0, 156



13, 0, 28

Previews

White Background



This preview shows how the RYB color 104, 183, 141 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, 183, 141 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, 183, 141 Background



This preview shows how black text looks on a background with the RYB color 104, 183, 141.



This preview shows how white text looks on a background with the RYB color 104, 183, 141.

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](#).

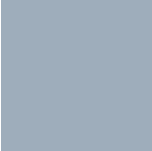
Dichromacy



Original Color
104, 183, 141

Protanopia
120, 187, 100

Deuteranopia
186, 206, 109



Tritanopia
158, 168, 187

Trichromacy



Original Color
104, 183, 141

Protanomaly
101, 175, 104

Deuteranomaly
124, 184, 107

Tritanomaly
154, 174, 177

Monochromacy



Original Color
104, 183, 141

Achromatopsia
163, 163, 163

Achromatomaly
142, 170, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 183, 141 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(146, 183, 104)` looks like.

```
.text, #text, p{  
    color:rgb(146, 183, 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(146, 183, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 183, 104) }
```

Border

The CSS property to change the border of an element to RYB 104, 183, 141 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(146, 183, 104) }
```

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

```
.border{ border-color:rgb(146, 183, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 183, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 183, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 183, 104);  
box-shadow:4px 4px 4px 4px rgb(146, 183,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 104, 183, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 183, 104) }
```

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

```
.background{ background-color: rgb(146,  
183, 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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