

Converting Colors

`RYB(105, 171, 128)`

Have a look what the booklet for
RYB(105, 171, 128) contains.

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Color

R_YB(105, 171, 128)

Conversions

Conversions Part 1

Format	Color
Hex	94AB69
RGB	148, 171, 105
RGB Percent	58%, 67%, 41%
CMY	0.4196, 0.3294, 0.5882
CMYK	0.13, 0.00, 0.39, 0.33
HSL	81°, 28%, 54%
HSV	81°, 39%, 67%
XYZ	29.3255, 36.4416, 18.8529
YIQ	156.5990, 7.4780, -25.4020

Conversions

Conversions Part 2

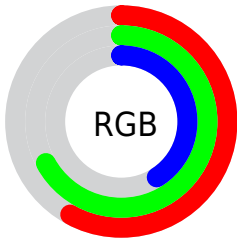
Format	Color
RYB	105, 171, 128
Decimal	9743209
CIELab	66.86, -19.28, 31.38
CIELCh	67, 36.830, 121.560
Yxy	36.4416, 0.3466, 0.4307
Android (android.graphics.Color)	4287933289 (0xFF94AB69)
YUV	156.5990, -25.4383, -7.5413
Hunter-Lab	60.3669, -18.9291, 23.7402

Details

The RYB color **105, 171, 128** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **128, 105, 171**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **157, 226, 180**, and **56, 119, 79** is the 20% darker color. If you saturate the color by 10%, you get **88, 171, 117**, and if you desaturate by 10%, it is **122, 171, 139**.

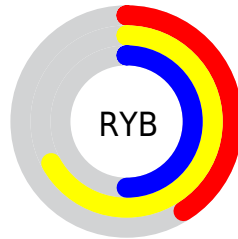
Distribution



Red (58%)

Green (67%)

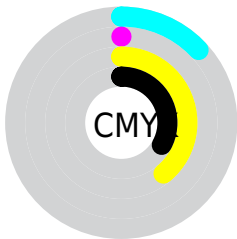
Blue (41%)



Red (41%)

Yellow (67%)

Blue (50%)

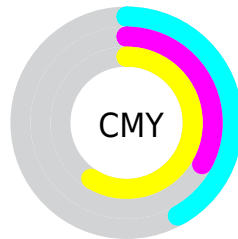


Cyan (13%)

Magenta (0%)

Yellow (39%)

Black (33%)



Cyan (42%)


Magenta (33%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 171, 128 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, 171, 128 by changing the saturation by 10% instead.

 105, 171, 128

255, 255, 255


 157, 226, 180

 184, 255, 208

 212, 255, 212

 241, 255, 241

 105, 171, 128

 80, 144, 102

 56, 119, 79

 33, 94, 56


 9, 70, 32


 0, 48, 22


 0, 28, 28

 0, 0, 0

 105, 171, 128

 88, 171, 117

 105, 171, 128

 122, 171, 139

■ 71, 171, 106

■ 139, 171, 150

■ 54, 171, 95

■ 156, 171, 161

■ 37, 171, 84

■ 172, 171, 173

■ 20, 171, 73

■ 178, 171, 190

■ 2, 171, 61

■ 184, 171, 208

■ 0, 171, 60

■ 190, 171, 225

■ 196, 171, 242

■ 202, 171, 255

Harmonies

Analogous

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



125, 183, 96



105, 171, 128



108, 160, 177

Triad

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



105, 171, 128



56, 125, 220



225, 137, 162

Complementary

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



105, 171, 128



128, 105, 171

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.



206, 142, 195



105, 171, 128



117, 151, 228

Square

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



105, 171, 128



8, 98, 196



169, 153, 219



226, 141, 130

Rectangle

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



105, 171, 128



78, 137, 180



169, 153, 219



221, 138, 173

Sweetspot

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



105, 171, 128



195, 222, 204



171, 138, 105



96, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



105, 171, 128



120, 222, 156



105, 171, 160



78, 87, 81



0, 150, 52



0, 23, 8

Inverse Universe

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



128, 105, 171



155, 120, 222



160, 105, 171



81, 78, 87



52, 0, 150



8, 0, 23

Previews

White Background



This preview shows how the RYB color 105, 171, 128 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, 171, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

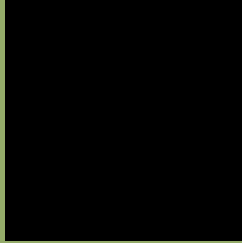
Any Text WCAG AA ✓ Pass

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, 171, 128 Background



This preview shows how black text looks on a background with the RYB color 105, 171, 128.



This preview shows how white text looks on a background with the RYB color 105, 171, 128.

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, 171, 128

Protanopia
121, 177, 102

Deuteranopia
184, 195, 109



Tritanopia
157, 162, 175

Trichromacy



Original Color
105, 171, 128

Protanomaly
104, 166, 103

Deuteranomaly
130, 178, 108

Tritanomaly
150, 166, 162

Monochromacy



Original Color
105, 171, 128

Achromatopsia
157, 157, 157

Achromatomaly
138, 162, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 171, 128 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(148, 171, 105) looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 105)  
}
```

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(148, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 171, 128 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(148, 171, 105) }
```

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

```
.border{ border-color:rgb(148, 171, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 171, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 171, 105) }
```

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

```
.background{ background-color: rgb(148,  
171, 105) }
```

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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