

Converting Colors

`RYB(105, 164, 151)`

Have a look what the booklet for
RYB(105, 164, 151) contains.

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Color

R_YB(105, 164, 151)

Conversions

Conversions Part 1

Format	Color
Hex	76A469
RGB	118, 164, 105
RGB Percent	46%, 64%, 41%
CMY	0.5373, 0.3569, 0.5882
CMYK	0.28, 0.00, 0.36, 0.36
HSL	107°, 24%, 53%
HSV	107°, 36%, 64%
XYZ	23.2965, 31.4224, 18.2019
YIQ	143.5200, -8.4770, -28.1010

Conversions

Conversions Part 2

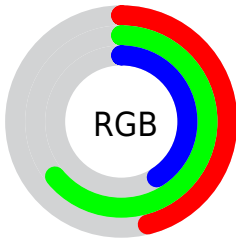
Format	Color
RYB	105, 164, 151
Decimal	7775337
CIELab	62.86, -27.01, 25.80
CIELCh	63, 37.352, 136.322
Yxy	31.4224, 0.3195, 0.4309
Android (android.graphics.Color)	4285965417 (0xFF76A469)
YUV	143.5200, -18.9904, -22.3810
Hunter-Lab	56.0557, -23.9137, 19.9869

Details

The RYB color **105, 164, 151** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **151, 105, 164**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **157, 219, 205**, and **57, 112, 102** is the 20% darker color. If you saturate the color by 10%, you get **89, 164, 148**, and if you desaturate by 10%, it is **121, 164, 154**.

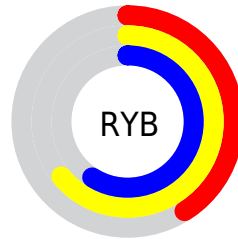
Distribution



Red (46%)

Green (64%)

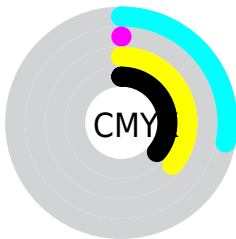
Blue (41%)



Red (41%)

Yellow (64%)

Blue (59%)

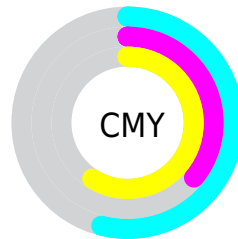


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 164, 151 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, 164, 151 by changing the saturation by 10% instead.

 105, 164, 151


255, 255, 255


 157, 219, 205


 184, 248, 233

 212, 255, 239

 240, 255, 240

 105, 164, 151


 80, 138, 126

 57, 112, 102

 34, 87, 78


 12, 64, 59

 0, 41, 41


 0, 18, 18

 0, 0, 0

 105, 164, 151

 89, 164, 148

 105, 164, 151

 121, 164, 154

■ 72, 164, 144

■ 138, 164, 158

■ 56, 164, 140

■ 154, 164, 162

■ 39, 164, 136

■ 169, 164, 171

■ 23, 164, 133

■ 182, 164, 187

■ 7, 164, 130

■ 195, 164, 203

■ 0, 164, 128

■ 208, 164, 220

■ 220, 164, 236

■ 233, 164, 253

Harmonies

Analogous

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



87, 156, 88



105, 164, 151



73, 131, 169

Triad

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



105, 164, 151



72, 127, 216



217, 126, 135

Complementary

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



105, 164, 151



151, 105, 164

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.



207, 128, 169



105, 164, 151



133, 146, 216

Square

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



105, 164, 151



0, 91, 199



178, 137, 198



209, 143, 106

Rectangle

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



105, 164, 151



32, 104, 170



178, 137, 198



215, 126, 146

Sweetspot

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



105, 164, 151



191, 214, 209



123, 164, 105



93, 107, 104



235, 235, 235



107, 107, 107

Same Dimension

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



105, 164, 151



122, 214, 194



105, 151, 164



73, 82, 80



0, 145, 113



0, 18, 14

Inverse Universe

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



151, 105, 164



194, 122, 214



164, 105, 148



80, 73, 82



113, 0, 145



14, 0, 18

Previews

White Background



This preview shows how the RYB color 105, 164, 151 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, 164, 151 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, 164, 151 Background



This preview shows how black text looks on a background with the RYB color 105, 164, 151.



This preview shows how white text looks on a background with the RYB color 105, 164, 151.

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, 164, 151

Protanopia
118, 165, 100

Deuteranopia
178, 180, 109



Tritanopia
129, 145, 169

Trichromacy



Original Color
105, 164, 151

Protanomaly
102, 156, 110

Deuteranomaly
114, 157, 108

Tritanomaly
125, 146, 159

Monochromacy



Original Color
105, 164, 151

Achromatopsia
144, 144, 144

Achromatomaly
130, 151, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 164, 151 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(118, 164, 105)` looks like.

```
.text, #text, p{  
    color:rgb(118, 164, 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(118, 164, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 164, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 164, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

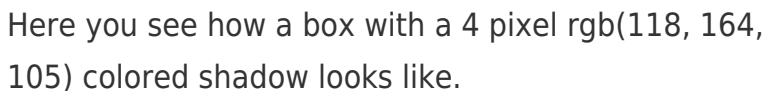
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 164, 105) }
```

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

```
.border{ border-color:rgb(118, 164, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 164, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 164, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 164, 105); box-shadow:4px 4px 4px 4px rgb(118, 164, 105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 164, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 164, 105) }
```

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

```
.background{ background-color: rgb(118,  
164, 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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