

Converting Colors

`RYB(124, 164, 101)`

Have a look what the booklet for
RYB(124, 164, 101) contains.

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Color

R_YB(124, 164, 101)

Conversions

Conversions Part 1

Format	Color
Hex	A49365
RGB	164, 147, 101
RGB Percent	64%, 58%, 40%
CMY	0.3569, 0.4229, 0.6039
CMYK	0.00, 0.10, 0.38, 0.36
HSL	44°, 26%, 52%
HSV	44°, 38%, 64%
XYZ	28.1160, 29.7466, 16.5717
YIQ	146.8390, 24.8980, -10.7020

Conversions

Conversions Part 2

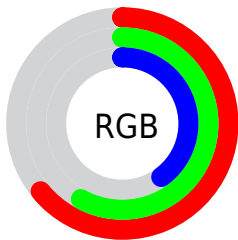
Format	Color
RYB	124, 164, 101
Decimal	10785637
CIELab	61.43, -0.62, 26.73
CIELCh	61, 26.733, 91.328
Yxy	29.7466, 0.3777, 0.3996
Android (android.graphics.Color)	4288975717 (0xFFA49365)
YUV	146.8390, -22.5986, 15.0502
Hunter-Lab	54.5404, -3.4275, 20.1635

Details

The RYB color **124, 164, 101** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **101, 114, 164**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **178, 220, 152**, and **71, 111, 53** is the 20% darker color. If you saturate the color by 10%, you get **114, 164, 85**, and if you desaturate by 10%, it is **133, 164, 117**.

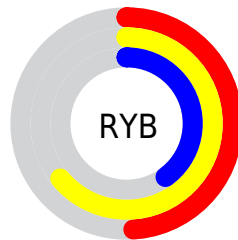
Distribution



Red (64%)

Green (58%)

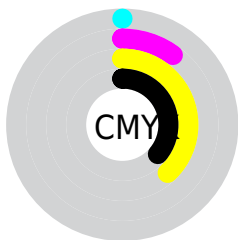
Blue (40%)



Red (49%)

Yellow (64%)

Blue (40%)

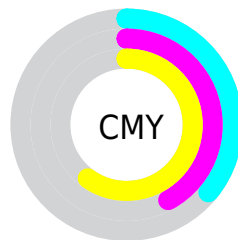


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 164, 101 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 124, 164, 101 by changing the saturation by 10% instead.

 124, 164, 101


255, 255, 255


 178, 220, 152

 207, 249, 179

 207, 255, 207


 235, 255, 235

 124, 164, 101

 114, 164, 85

 124, 164, 101

 99, 137, 77

 71, 111, 53


 48, 86, 31

 20, 61, 8

 10, 38, 0

 1, 6, 0

 0, 0, 0

 124, 164, 101

 133, 164, 117

104, 164, 68

145, 164, 134

93, 164, 52

156, 164, 150

81, 164, 35

164, 165, 167

72, 164, 19

164, 168, 183

62, 164, 3

164, 171, 199

60, 164, 0

164, 175, 216

164, 178, 232

164, 182, 249

Harmonies

Analogous

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



184, 160, 108



124, 164, 101



107, 154, 122

Triad

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



124, 164, 101



73, 120, 172



179, 134, 171

Complementary

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



124, 164, 101



101, 114, 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.



153, 142, 189



124, 164, 101



87, 129, 189

Square

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



124, 164, 101



86, 127, 161



119, 141, 195



194, 131, 148

Rectangle

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



124, 164, 101



118, 158, 156



119, 141, 195



172, 137, 178

Sweetspot

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



124, 164, 101



198, 214, 188



164, 101, 119



97, 107, 92



235, 235, 235



107, 107, 107

Same Dimension

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



124, 164, 101



151, 214, 116



101, 164, 115



78, 82, 73



53, 145, 0



7, 18, 0

Inverse Universe

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



101, 114, 164



116, 137, 214



115, 101, 164



73, 75, 82



0, 31, 145



0, 4, 18

Previews

White Background



This preview shows how the RYB color 124, 164, 101 looks on a white background.

Color Contrast Check

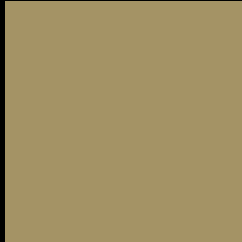
Large Text (above 18pt) WCAG AA ✓ Pass

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 124, 164, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

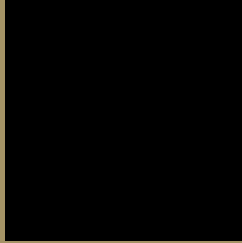
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 124, 164, 101 Background



This preview shows how black text looks on a background with the RYB color 124, 164, 101.



This preview shows how white text looks on a background with the RYB color 124, 164, 101.

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
124, 164, 101

Protanopia
118, 161, 101

Deuteranopia
168, 177, 102



Tritanopia
169, 141, 152

Trichromacy



Original Color

124, 164, 101

Protanomaly

119, 162, 101

Deuteranomaly

149, 172, 102

Tritanomaly

167, 147, 133

Monochromacy



Original Color

124, 164, 101

Achromatopsia

147, 147, 147

Achromatomaly

138, 153, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 164, 101 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(164, 147, 101)` looks like.

```
.text, #text, p{  
    color:rgb(164, 147, 101)  
}
```

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(164, 147, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 147, 101) }
```

Border

The CSS property to change the border of an element to RYB 124, 164, 101 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(164, 147, 101) }
```

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

```
.border{ border-color:rgb(164, 147, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 147, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 147, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 147, 101);  
box-shadow:4px 4px 4px 4px rgb(164, 147,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 124, 164, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 147, 101) }
```

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

```
.background{ background-color: rgb(164,  
147, 101) }
```

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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