

Converting Colors

`RYB(162, 184, 105)`

Have a look what the booklet for
RYB(162, 184, 105) contains.

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Color

R_YB(162, 184, 105)

Conversions

Conversions Part 1

Format	Color
Hex	B89769
RGB	184, 151, 105
RGB Percent	72%, 59%, 41%
CMY	0.2784, 0.4083, 0.5882
CMYK	0.00, 0.18, 0.43, 0.28
HSL	35°, 36%, 57%
HSV	35°, 43%, 72%
XYZ	33.3658, 33.3080, 18.0351
YIQ	155.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

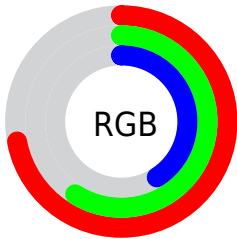
Format	Color
RYB	162, 184, 105
Decimal	12097385
CIELab	64.41, 6.12, 28.80
CIElCh	64, 29.444, 77.998
Yxy	33.3080, 0.3939, 0.3932
Android (android.graphics.Color)	4290287465 (0xFFB89769)
YUV	155.6230, -24.9571, 24.8866
Hunter-Lab	57.7131, 2.1988, 21.8713

Details

The RYB color **162, 184, 105** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **105, 128, 184**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **220, 241, 157**, and **106, 129, 57** is the 20% darker color. If you saturate the color by 10%, you get **158, 184, 87**, and if you desaturate by 10%, it is **165, 184, 123**.

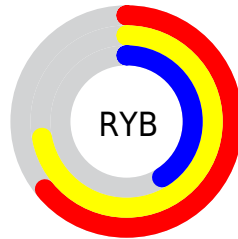
Distribution



Red (72%)

Green (59%)

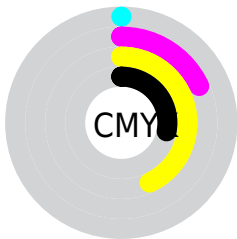
Blue (41%)



Red (64%)

Yellow (72%)

Blue (41%)

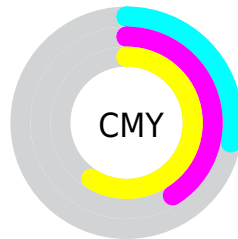


Cyan (0%)

Magenta (18%)

Yellow (43%)

Black (28%)



Cyan (28%)

Magenta (41%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 184, 105 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 162, 184, 105 by changing the saturation by 10% instead.

 162, 184, 105


255, 255, 255

 220, 241, 157

 216, 255, 184


 212, 255, 212

 240, 255, 240

 162, 184, 105

 132, 156, 80

 106, 129, 57


 78, 103, 34

 48, 77, 12


 35, 53, 0


 29, 18, 0

 0, 0, 0

 162, 184, 105

 158, 184, 87

 162, 184, 105

 165, 184, 123

■ 153, 184, 68

■ 174, 184, 142

■ 146, 184, 50

■ 177, 184, 160

■ 141, 184, 31

■ 182, 184, 179

■ 137, 184, 13

■ 184, 188, 197

■ 132, 184, 0

■ 184, 193, 215

■ 184, 199, 234

■ 184, 204, 252

■ 184, 208, 255

Harmonies

Analogous

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



202, 152, 118



162, 184, 105



106, 160, 108

Triad

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



162, 184, 105



73, 122, 171



179, 144, 192

Complementary

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



162, 184, 105



105, 128, 184

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.



145, 152, 206



162, 184, 105



74, 127, 194

Square

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



162, 184, 105



98, 142, 170



105, 142, 207



201, 138, 168

Rectangle

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



162, 184, 105



114, 164, 139



105, 142, 207



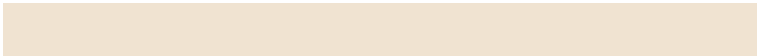
169, 147, 198

Sweetspot

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



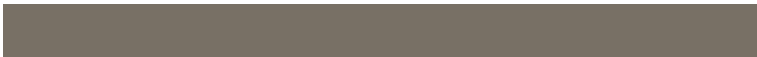
162, 184, 105



231, 240, 209



184, 105, 139



115, 120, 101



247, 247, 247



120, 120, 120

Same Dimension

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



162, 184, 105



207, 240, 115



105, 184, 110



90, 92, 83



114, 156, 0



21, 28, 0

Inverse Universe

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



105, 128, 184



115, 152, 240



110, 105, 184



83, 85, 92



0, 46, 156



0, 8, 28

Previews

White Background



This preview shows how the RYB color 162, 184, 105 looks on a white background.

Color Contrast Check

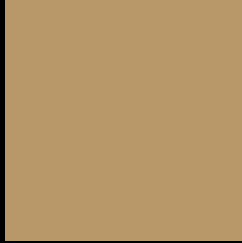
Large Text (above 18pt) WCAG AA × Fail

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 162, 184, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

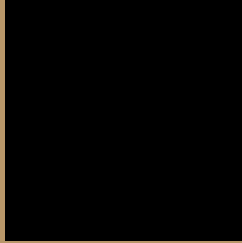
Any Text WCAG AA ✓ Pass

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 162, 184, 105 Background



This preview shows how black text looks on a background with the RYB color 162, 184, 105.



This preview shows how white text looks on a background with the RYB color 162, 184, 105.

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

162, 184, 105

Protanopia

123, 169, 107

Deuteranopia

172, 187, 105



Tritanopia
189, 144, 156

Trichromacy



Original Color
162, 184, 105

Protanomaly
134, 174, 106

Deuteranomaly
170, 186, 105

Tritanomaly
187, 150, 137

Monochromacy



Original Color
162, 184, 105

Achromatopsia
156, 156, 156

Achromatomaly
157, 166, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 184, 105 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(184, 151, 105)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 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(184, 151, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 105) }
```

Border

The CSS property to change the border of an element to RYB 162, 184, 105 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(184, 151, 105) }
```

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

```
.border{ border-color:rgb(184, 151, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 105);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 162, 184, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 105) }
```

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

```
.background{ background-color: rgb(184,  
151, 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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