

Converting Colors

`RYB(164, 188, 155)`

Have a look what the booklet for
RYB(164, 188, 155) contains.

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Color

R_YB(164, 188, 155)

Conversions

Conversions Part 1

Format	Color
Hex	BCB59B
RGB	188, 181, 155
RGB Percent	74%, 71%, 61%
CMY	0.2627, 0.2905, 0.3922
CMYK	0.00, 0.04, 0.18, 0.26
HSL	47°, 20%, 67%
HSV	47°, 18%, 74%
XYZ	43.1648, 46.0766, 37.6290
YIQ	180.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

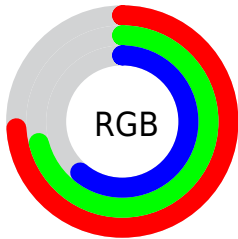
Format	Color
RYB	164, 188, 155
Decimal	12367259
CIELab	73.60, -1.86, 14.12
CIELCh	74, 14.245, 97.502
Yxy	46.0766, 0.3402, 0.3632
Android (android.graphics.Color)	4290557339 (0xFFBCB59B)
YUV	180.1290, -12.3886, 6.9029
Hunter-Lab	67.8798, -5.2813, 14.6486

Details

The RYB color **164, 188, 155** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **155, 161, 188**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **218, 244, 209**, and **113, 135, 104** is the 20% darker color. If you saturate the color by 10%, you get **150, 188, 136**, and if you desaturate by 10%, it is **178, 188, 174**.

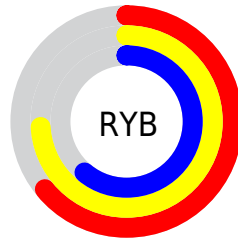
Distribution



Red (74%)

Green (71%)

Blue (61%)



Red (64%)

Yellow (74%)

Blue (61%)

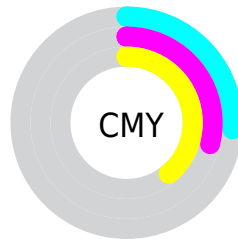


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (26%)



Cyan (26%)


Magenta (29%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 188, 155 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 164, 188, 155 by changing the saturation by 10% instead.


 164, 188, 155


255, 255, 255

 218, 244, 209

 238, 255, 238


 164, 188, 155

 138, 161, 129


 113, 135, 104

 88, 109, 80

 63, 84, 57

 41, 61, 35

 19, 39, 14

 1, 15, 0

 0, 0, 0

 164, 188, 155

 164, 188, 155

■ 150, 188, 136

■ 178, 188, 174

■ 136, 188, 117

■ 188, 189, 193

■ 123, 188, 99

■ 188, 192, 211

■ 109, 188, 80

■ 188, 195, 230

■ 95, 188, 61

■ 188, 199, 249

■ 81, 188, 42

■ 188, 202, 255

■ 67, 188, 23

■ 188, 204, 255

■ 55, 188, 5

■ 188, 206, 255

■ 51, 188, 0

■ 188, 208, 255

Harmonies

Analogous

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



200, 194, 157



164, 188, 155



160, 185, 172

Triad

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



164, 188, 155



148, 170, 196



201, 173, 191

Complementary

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



164, 188, 155



155, 161, 188

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.



187, 176, 202



164, 188, 155



156, 174, 204

Square

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



164, 188, 155



149, 170, 189



171, 179, 206



208, 172, 178

Rectangle

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



164, 188, 155



163, 184, 187



171, 179, 206



197, 174, 195

Sweetspot

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



164, 188, 155



237, 245, 233



188, 155, 162



116, 122, 115



250, 250, 250



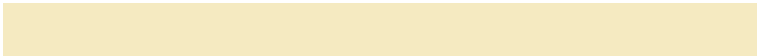
122, 122, 122

Same Dimension

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



164, 188, 155



207, 245, 193



155, 188, 164



88, 94, 85



43, 158, 0



9, 31, 0

Inverse Universe

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



155, 161, 188



193, 202, 245



164, 155, 188



85, 87, 94



0, 28, 158



0, 6, 31

Previews

White Background



This preview shows how the RYB color 164, 188, 155 looks on a white background.

Color Contrast Check

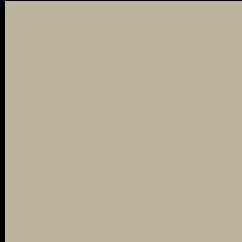
Large Text (above 18pt) WCAG AA × Fail

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 164, 188, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

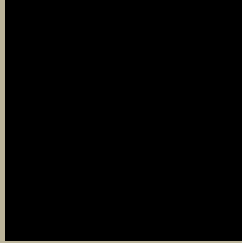
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

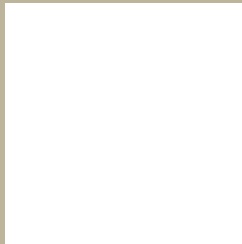
Any Text WCAG AAA ✓ Pass

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

RYB 164, 188, 155 Background



This preview shows how black text looks on a background with the RYB color 164, 188, 155.



This preview shows how white text looks on a background with the RYB color 164, 188, 155.

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
164, 188, 155

Protanopia
169, 190, 155

Deuteranopia
207, 184, 156



Tritanopia
193, 176, 190

Trichromacy



Original Color
164, 188, 155

Protanomaly
167, 189, 155

Deuteranomaly
200, 196, 156

Tritanomaly
191, 178, 177

Monochromacy



Original Color
164, 188, 155

Achromatopsia
180, 180, 180

Achromatomaly
175, 183, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 188, 155 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(188, 181, 155) looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 155)  
}
```

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(188, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 155) }
```

Border

The CSS property to change the border of an element to RYB 164, 188, 155 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(188, 181, 155) }
```

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

```
.border{ border-color:rgb(188, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 164, 188, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 155) }
```

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

```
.background{ background-color: rgb(188,  
181, 155) }
```

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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