

Converting Colors

`RYB(164, 155, 111)`

Have a look what the booklet for
RYB(164, 155, 111) contains.

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Color

R_YB(164, 155, 111)

Conversions

Conversions Part 1

Format	Color
Hex	A4876F
RGB	164, 135, 111
RGB Percent	64%, 53%, 44%
CMY	0.3569, 0.4704, 0.5647
CMYK	0.00, 0.18, 0.32, 0.36
HSL	27°, 23%, 54%
HSV	27°, 32%, 64%
XYZ	26.8488, 26.3797, 18.7156
YIQ	140.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

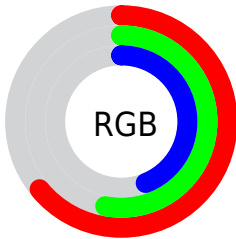
Format	Color
RYB	164, 155, 111
Decimal	10782575
CIELab	58.40, 7.40, 17.07
CIELCh	58, 18.601, 66.564
Yxy	26.3797, 0.3732, 0.3667
Android (android.graphics.Color)	4288972655 (0xFFA4876F)
YUV	140.9350, -14.7580, 20.2280
Hunter-Lab	51.3611, 3.4281, 14.3480

Details

The RYB color **164, 155, 111** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **111, 130, 164**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **220, 208, 163**, and **111, 104, 63** is the 20% darker color. If you saturate the color by 10%, you get **164, 151, 95**, and if you desaturate by 10%, it is **164, 158, 127**.

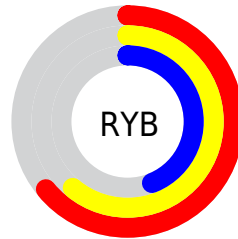
Distribution



Red (64%)

Green (53%)

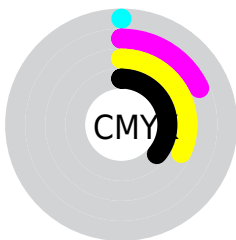
Blue (44%)



Red (64%)

Yellow (61%)

Blue (44%)

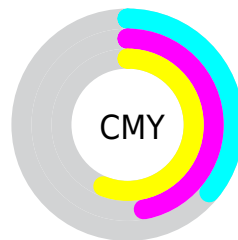


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (36%)



Cyan (36%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 155, 111 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, 155, 111 by changing the saturation by 10% instead.

 164, 155, 111

255, 255, 255


 220, 208, 163


 249, 236, 190

 234, 255, 218


 246, 255, 246

 164, 155, 111

 164, 151, 95

 164, 155, 111


 137, 130, 87

 111, 104, 63


 86, 80, 41


 62, 58, 20


 40, 40, 0

 1, 0, 0

 0, 0, 0

 164, 155, 111

 164, 158, 127

 164, 149, 78

 164, 160, 144

 164, 146, 62

 164, 164, 160

 164, 144, 45

 164, 169, 177

 164, 140, 29

 164, 174, 193

 164, 137, 13

 164, 180, 209

 164, 135, 0

 164, 186, 226

 164, 192, 242

 164, 197, 255

Harmonies

Analogous

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



173, 133, 122



164, 155, 111



120, 149, 108

Triad

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



164, 155, 111



99, 126, 150



148, 135, 167

Complementary

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



164, 155, 111



111, 130, 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.



126, 137, 172



164, 155, 111



95, 124, 159

Square

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



164, 155, 111



113, 139, 149



106, 131, 170



165, 131, 154

Rectangle

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



164, 155, 111



111, 144, 118



106, 131, 170



141, 137, 169

Sweetspot

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



164, 155, 111



214, 209, 193



164, 111, 140



107, 105, 94



235, 235, 235



107, 107, 107

Same Dimension

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



164, 155, 111



214, 201, 131



114, 164, 111



82, 80, 73



145, 121, 0



18, 14, 0

Inverse Universe

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



111, 130, 164



131, 160, 214



111, 114, 164



73, 76, 82



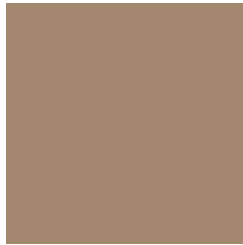
0, 51, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 164, 155, 111 looks on a white background.

Color Contrast Check

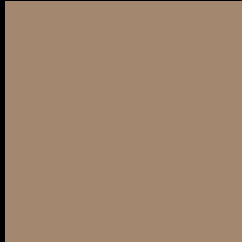
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 155, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

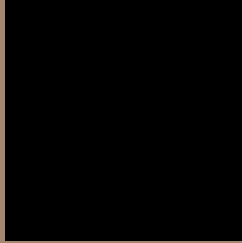
Any Text WCAG AA ✓ Pass

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 164, 155, 111 Background



This preview shows how black text looks on a background with the RYB color 164, 155, 111.



This preview shows how white text looks on a background with the RYB color 164, 155, 111.

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, 155, 111

Protanopia

125, 149, 113

Deuteranopia

164, 155, 111



Tritanopia
167, 131, 141

Trichromacy



Original Color
164, 155, 111

Protanomaly
138, 154, 112

Deuteranomaly
164, 155, 111

Tritanomaly
166, 132, 130

Monochromacy



Original Color
164, 155, 111

Achromatopsia
141, 141, 141

Achromatomaly
149, 147, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 135, 111 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, 135, 111)` looks like.

```
.text, #text, p{  
    color:rgb(164, 135, 111)  
}
```

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, 135, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 111) }
```

Border

The CSS property to change the border of an element to RYB 164, 155, 111 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, 135, 111) }
```

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

```
.border{ border-color:rgb(164, 135, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 135, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 135, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 135, 111);  
box-shadow:4px 4px 4px 4px rgb(164, 135,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 164, 135, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 135, 111) }
```

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

```
.background{ background-color: rgb(164,  
135, 111) }
```

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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