

Converting Colors

`RYB(144, 165, 133)`

Have a look what the booklet for
RYB(144, 165, 133) contains.

RYB(144, 165, 133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(144, 165, 133)

Conversions

Conversions Part 1

Format	Color
Hex	A59D85
RGB	165, 157, 133
RGB Percent	65%, 62%, 52%
CMY	0.3529, 0.3850, 0.4784
CMYK	0.00, 0.05, 0.19, 0.35
HSL	45°, 15%, 58%
HSV	45°, 19%, 65%
XYZ	31.7762, 33.7438, 27.0287
YIQ	156.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

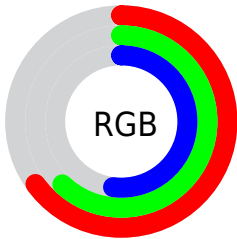
Format	Color
RYB	144, 165, 133
Decimal	10853765
CIELab	64.76, -1.08, 13.54
CIElCh	65, 13.587, 94.539
Yxy	33.7438, 0.3433, 0.3646
Android (android.graphics.Color)	4289043845 (0xFFA59D85)
YUV	156.6560, -11.6624, 7.3177
Hunter-Lab	58.0894, -4.0131, 13.0753

Details

The RYB color **144, 165, 133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **133, 139, 165**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **198, 220, 186**, and **92, 113, 83** is the 20% darker color. If you saturate the color by 10%, you get **132, 165, 116**, and if you desaturate by 10%, it is **154, 165, 149**.

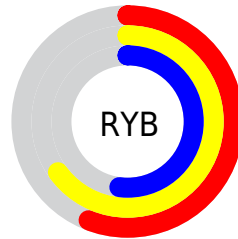
Distribution



Red (65%)

Green (62%)

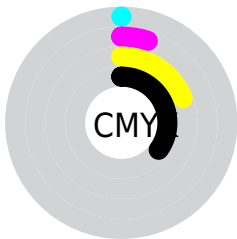
Blue (52%)



Red (56%)

Yellow (65%)

Blue (52%)

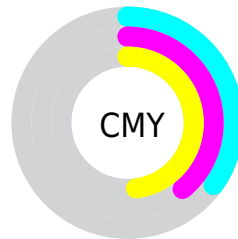


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 165, 133 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 144, 165, 133 by changing the saturation by 10% instead.

 144, 165, 133


255, 255, 255


 198, 220, 186

 226, 249, 214

 242, 255, 242

 144, 165, 133

 119, 139, 108

 92, 113, 83


 68, 88, 60

 46, 65, 38


 24, 42, 18


 7, 21, 0

 0, 0, 0

 144, 165, 133

 132, 165, 116

 144, 165, 133


 154, 165, 149

 123, 165, 100


 165, 165, 166

 112, 165, 84


 165, 168, 182

 101, 165, 67

 165, 172, 199

 90, 165, 51

 165, 175, 216

 80, 165, 34

 165, 179, 232

 69, 165, 18

 165, 182, 248

 57, 165, 1

 165, 185, 255

 56, 165, 0

 165, 188, 255

Harmonies

Analogous

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



176, 166, 136



144, 165, 133



137, 161, 147

Triad

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



144, 165, 133



126, 146, 170



175, 150, 168

Complementary

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



144, 165, 133



133, 139, 165

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.



162, 153, 177



144, 165, 133



133, 150, 179

Square

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



144, 165, 133



128, 147, 164



146, 154, 181



182, 149, 156

Rectangle

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



144, 165, 133



142, 161, 162



146, 154, 181



171, 151, 171

Sweetspot

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



144, 165, 133



205, 214, 201



165, 133, 142



103, 107, 100



235, 235, 235



107, 107, 107

Same Dimension

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



144, 165, 133



181, 214, 165



133, 165, 140



76, 82, 73



50, 145, 0



7, 18, 0

Inverse Universe

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



133, 139, 165



165, 175, 214



140, 133, 165



73, 75, 82



0, 29, 145



0, 4, 18

Previews

White Background



This preview shows how the RYB color 144, 165, 133 looks on a white background.

Color Contrast Check

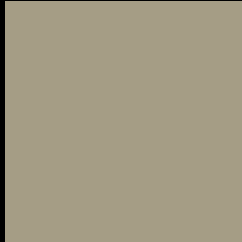
Large Text (above 18pt) WCAG AA × Fail

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 144, 165, 133 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 144, 165, 133 Background



This preview shows how black text looks on a background with the RYB color 144, 165, 133.



This preview shows how white text looks on a background with the RYB color 144, 165, 133.

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
144, 165, 133

Protanopia
144, 165, 133

Deuteranopia
180, 161, 134



Tritanopia
169, 152, 164

Trichromacy



Original Color

144, 165, 133

Protanomaly

144, 165, 133

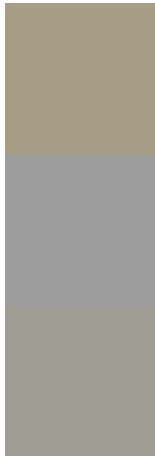
Deuteranomaly

175, 169, 134

Tritanomaly

168, 154, 153

Monochromacy



Original Color

144, 165, 133

Achromatopsia

157, 157, 157

Achromatomaly

152, 160, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 165, 133 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(165, 157, 133) looks like.

```
.text, #text, p{  
    color:rgb(165, 157, 133)  
}
```

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(165, 157, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 157, 133) }
```

Border

The CSS property to change the border of an element to RYB 144, 165, 133 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(165, 157, 133) }
```

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

```
.border{ border-color:rgb(165, 157, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 157, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 157, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 157, 133);  
box-shadow:4px 4px 4px 4px rgb(165, 157,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 144, 165, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 157, 133) }
```

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

```
.background{ background-color: rgb(165,  
157, 133) }
```

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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