

Converting Colors

`RYB(185, 145, 155)`

Have a look what the booklet for
RYB(185, 145, 155) contains.

RYB(185, 145, 155)	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

$\text{RYB}(185, 145, 155)$

Conversions

Conversions Part 1

Format	Color
Hex	B9919B
RGB	185, 145, 155
RGB Percent	73%, 57%, 61%
CMY	0.2745, 0.4314, 0.3922
CMYK	0.00, 0.22, 0.16, 0.27
HSL	345°, 22%, 65%
HSV	345°, 22%, 73%
XYZ	36.0494, 32.9316, 35.4668
YIQ	158.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

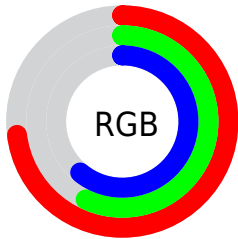
Format	Color
RYB	185, 145, 155
Decimal	12161435
CIELab	64.11, 16.65, 0.50
CIELCh	64, 16.654, 1.730
Yxy	32.9316, 0.3451, 0.3153
Android (android.graphics.Color)	4290351515 (0xFFB9919B)
YUV	158.1000, -1.5283, 23.5913
Hunter-Lab	57.3861, 11.7063, 3.5268

Details

The RYB color **185, 145, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **145, 168, 185**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **242, 199, 209**, and **131, 94, 104** is the 20% darker color. If you saturate the color by 10%, you get **185, 127, 141**, and if you desaturate by 10%, it is **185, 163, 169**.

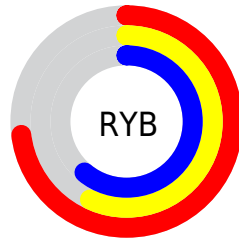
Distribution



Red (73%)

Green (57%)

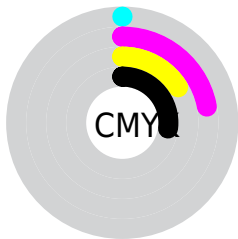
Blue (61%)



Red (73%)

Yellow (57%)

Blue (61%)

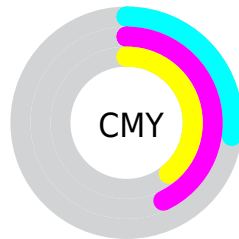


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the RYB color 185, 145, 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 185, 145, 155 by changing the saturation by 10% instead.

 185, 145, 155


255, 255, 255

 242, 199, 209


 255, 227, 238

 185, 145, 155

 158, 119, 129

 131, 94, 104

 106, 70, 80

 81, 48, 57

 57, 26, 36

 36, 2, 14

 0, 0, 0

 185, 145, 155

 185, 127, 141

 185, 145, 155

 185, 163, 169

185, 108, 127

185, 182, 183

185, 90, 113

185, 194, 201

185, 71, 99

185, 204, 219

185, 53, 86

185, 215, 237

185, 34, 72

185, 225, 255

185, 16, 58

185, 221, 255

185, 0, 46

185, 220, 255

Harmonies

Analogous

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



176, 147, 170



185, 145, 155



186, 147, 140

Triad

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



185, 145, 155



130, 159, 139



123, 146, 181

Complementary

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



185, 145, 155



145, 168, 185

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.



116, 141, 170



185, 145, 155



133, 157, 163

Square

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



185, 145, 155



141, 166, 126



120, 144, 164



140, 152, 185

Rectangle

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



185, 145, 155



182, 155, 133



120, 144, 164



119, 144, 178

Sweetspot

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



185, 145, 155



240, 225, 229



175, 145, 185



120, 111, 114



247, 247, 247



120, 120, 120

Same Dimension

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



185, 145, 155



240, 177, 193



185, 158, 145



92, 83, 85



156, 0, 39



28, 0, 7

Inverse Universe

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



185, 145, 155



240, 177, 193



145, 162, 185



92, 83, 85



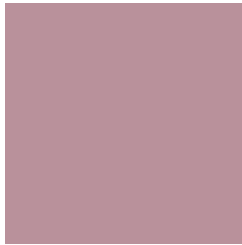
156, 0, 39



28, 0, 7

Previews

White Background



This preview shows how the RYB color 185, 145, 155 looks on a white background.

Color Contrast Check

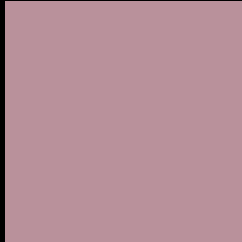
Large Text (above 18pt) WCAG AA × Fail

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 185, 145, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

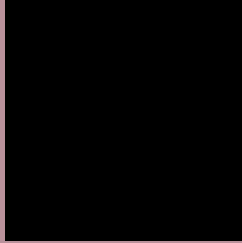
Any Text WCAG AA ✓ Pass

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 185, 145, 155 Background



This preview shows how black text looks on a background with the RYB color 185, 145, 155.




This preview shows how white text looks on a background with the RYB color 185, 145, 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





Tritanopia
185, 145, 156

Trichromacy



Original Color

185, 145, 155

Protanomaly

167, 151, 159

Deuteranomaly

176, 149, 154

Tritanomaly

185, 145, 156

Monochromacy



Original Color

185, 145, 155

Achromatopsia

158, 158, 158

Achromatomaly

168, 153, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 145, 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(185, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 145, 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(185, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 145, 155) }
```

Border

The CSS property to change the border of an element to RYB 185, 145, 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(185, 145, 155) }
```

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

```
.border{ border-color:rgb(185, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(185, 145,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 185, 145, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 145, 155) }
```

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

```
.background{ background-color: rgb(185,  
145, 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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