

Converting Colors

`RYB(193, 145, 159)`

Have a look what the booklet for RYB(193, 145, 159) contains.

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Color

R_YB(193, 145, 159)

Conversions

Conversions Part 1

Format	Color
Hex	C1919F
RGB	193, 145, 159
RGB Percent	76%, 57%, 62%
CMY	0.2431, 0.4314, 0.3765
CMYK	0.00, 0.25, 0.18, 0.24
HSL	342°, 28%, 66%
HSV	342°, 25%, 76%
XYZ	38.3757, 34.0915, 37.3586
YIQ	160.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

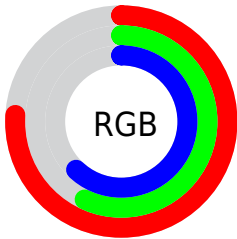
Format	Color
RYB	193, 145, 159
Decimal	12685727
CIELab	65.04, 20.26, -0.30
CIELCh	65, 20.265, 359.155
Yxy	34.0915, 0.3494, 0.3104
Android (android.graphics.Color)	4290875807 (0xFFC1919F)
YUV	160.9480, -0.9604, 28.1096
Hunter-Lab	58.3879, 15.1412, 2.9357

Details

The RYB color **193, 145, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **145, 173, 193**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **250, 199, 214**, and **139, 94, 108** is the 20% darker color. If you saturate the color by 10%, you get **193, 126, 145**, and if you desaturate by 10%, it is **193, 164, 173**.

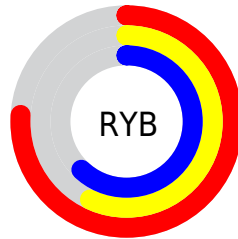
Distribution



Red (76%)

Green (57%)

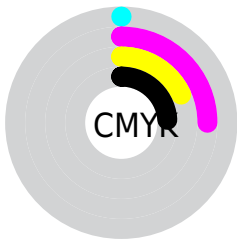
Blue (62%)



Red (76%)

Yellow (57%)

Blue (62%)

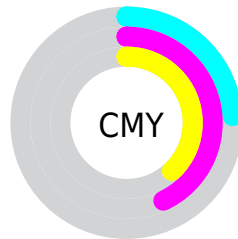


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 145, 159 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 193, 145, 159 by changing the saturation by 10% instead.

 193, 145, 159

255, 255, 255

 250, 199, 214

 255, 227, 242

 193, 145, 159

 165, 119, 133

 139, 94, 108

 113, 70, 83

 87, 47, 60

 63, 25, 39

 41, 2, 18

 0, 0, 0

 193, 145, 159

 193, 126, 145

 193, 145, 159

 193, 164, 173

■ 193, 106, 132

■ 193, 184, 186

■ 193, 87, 118

■ 193, 199, 203

■ 193, 68, 104

■ 193, 210, 222

■ 193, 49, 91

■ 193, 222, 242

■ 193, 29, 77

■ 193, 228, 255

■ 193, 10, 63

■ 193, 224, 255

■ 193, 0, 56

Harmonies

Analogous

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



181, 148, 177



193, 145, 159



195, 147, 141

Triad

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



193, 145, 159



126, 162, 136



115, 145, 188

Complementary

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



193, 145, 159



145, 173, 193

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.



107, 139, 175



193, 145, 159



132, 160, 166

Square

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



193, 145, 159



146, 172, 122



114, 144, 168



136, 153, 194

Rectangle

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



193, 145, 159



191, 157, 131



114, 144, 168



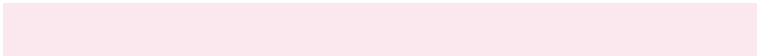
111, 143, 185

Sweetspot

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



193, 145, 159



250, 232, 238



179, 145, 193



125, 115, 118



252, 252, 252



125, 125, 125

Same Dimension

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



193, 145, 159



250, 175, 197



193, 158, 145



97, 87, 90



161, 0, 47



33, 0, 10

Inverse Universe

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



193, 145, 159



250, 175, 197



145, 166, 193



97, 87, 90



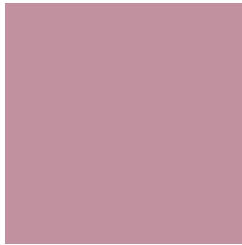
161, 0, 47



33, 0, 10

Previews

White Background



This preview shows how the RYB color 193, 145, 159 looks on a white background.

Color Contrast Check

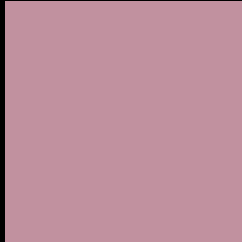
Large Text (above 18pt) WCAG AA × Fail

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 193, 145, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

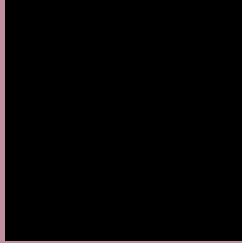
Any Text WCAG AA ✓ Pass

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 193, 145, 159 Background



This preview shows how black text looks on a background with the RYB color 193, 145, 159.



This preview shows how white text looks on a background with the RYB color 193, 145, 159.

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
193, 145, 159

Protanopia
159, 157, 166

Deuteranopia
173, 153, 158



Tritanopia

193, 145, 157

Trichromacy



Original Color

193, 145, 159

Protanomaly

171, 153, 163

Deuteranomaly

180, 150, 158

Tritanomaly

193, 145, 158

Monochromacy



Original Color

193, 145, 159

Achromatopsia

161, 161, 161

Achromatomaly

173, 155, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 145, 159 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(193, 145, 159) looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 159)  
}
```

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(193, 145, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 159) }
```

Border

The CSS property to change the border of an element to RYB 193, 145, 159 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(193, 145, 159) }
```

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

```
.border{ border-color:rgb(193, 145, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 145, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 145, 159); box-shadow:4px 4px 4px 4px rgb(193, 145, 159) }
```

Background

The CSS property to change the background color of an element to RYB 193, 145, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 159) }
```

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

```
.background{ background-color: rgb(193,  
145, 159) }
```

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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