

Converting Colors

`RYB(193, 148, 145)`

Have a look what the booklet for RYB(193, 148, 145) contains.

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Color

R_YB(193, 148, 145)

Conversions

Conversions Part 1

Format	Color
Hex	C19491
RGB	193, 148, 145
RGB Percent	76%, 58%, 57%
CMY	0.2431, 0.4203, 0.4314
CMYK	0.00, 0.23, 0.25, 0.24
HSL	4°, 28%, 66%
HSV	4°, 25%, 76%
XYZ	37.6654, 34.5063, 31.4633
YIQ	161.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

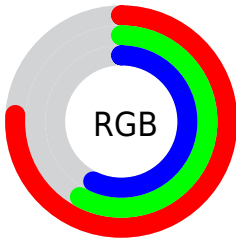
Format	Color
R_{YB}	193, 148, 145
Decimal	12686481
CIE _{Lab}	65.36, 16.56, 8.06
CIE _{LCh}	65, 18.414, 25.944
Yxy	34.5063, 0.3634, 0.3330
Android (android.graphics.Color)	4290876561 (0xFFC19491)
YUV	161.1130, -7.9437, 27.9649
Hunter-Lab	58.7420, 11.6556, 9.3627

Details

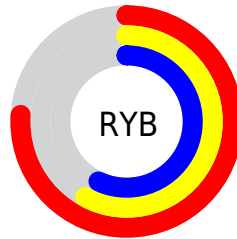
The RYB color **193, 148, 145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **145, 168, 193**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **250, 202, 199**, and **138, 97, 95** is the 20% darker color. If you saturate the color by 10%, you get **193, 130, 126**, and if you desaturate by 10%, it is **193, 166, 164**.

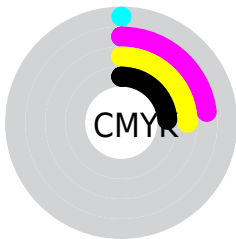
Distribution



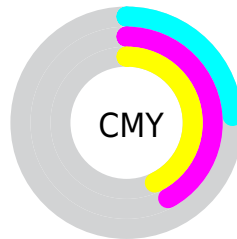
- Red (76%)
- Green (58%)
- Blue (57%)



- Red (76%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 148, 145 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, 148, 145 by changing the saturation by 10% instead.

 193, 148, 145

255, 255, 255

 250, 202, 199

 255, 230, 227

 193, 148, 145

 165, 122, 119

 138, 97, 95

 112, 73, 71

 87, 50, 49

 63, 28, 28

 41, 7, 1

 0, 0, 0

 193, 148, 145

 193, 130, 126

 193, 148, 145

 193, 166, 164

■ 193, 111, 106

■ 193, 184, 184

■ 193, 93, 87

■ 193, 198, 203

■ 193, 75, 68

■ 193, 207, 222

■ 193, 57, 49

■ 193, 217, 242

■ 193, 40, 29

■ 193, 224, 255

■ 193, 22, 10

■ 193, 12, 0

Harmonies

Analogous

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



190, 147, 162



193, 148, 145



187, 161, 132

Triad

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



193, 148, 145



137, 163, 166



137, 154, 191

Complementary

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



193, 148, 145



145, 168, 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.



119, 146, 185



193, 148, 145



121, 148, 168

Square

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



193, 148, 145



129, 162, 135



114, 142, 172



159, 155, 188

Rectangle

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



193, 148, 145



172, 179, 127



114, 142, 172



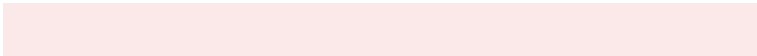
130, 151, 190

Sweetspot

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



193, 148, 145



250, 233, 232



193, 145, 191



125, 116, 115



252, 252, 252



125, 125, 125

Same Dimension

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



193, 148, 145



250, 179, 175



186, 193, 145



97, 88, 87



161, 10, 0



33, 2, 0

Inverse Universe

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



145, 168, 193



175, 211, 250



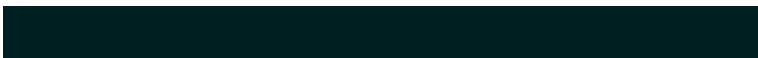
145, 160, 193



87, 92, 97



0, 78, 161



0, 16, 33

Previews

White Background



This preview shows how the RYB color 193, 148, 145 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, 148, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

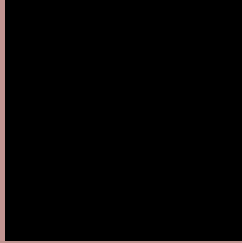
Any Text WCAG AA ✓ Pass

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, 148, 145 Background



This preview shows how black text looks on a background with the RYB color 193, 148, 145.



This preview shows how white text looks on a background with the RYB color 193, 148, 145.

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
194, 146, 157

Trichromacy



Original Color
193, 148, 145

Protanomaly
175, 155, 149

Deuteranomaly
185, 152, 144

Tritanomaly
194, 147, 153

Monochromacy



Original Color
193, 148, 145

Achromatopsia
161, 161, 161

Achromatomaly
173, 156, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 148, 145 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, 148, 145)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 145)  
}
```

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, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 145) }
```

Border

The CSS property to change the border of an element to RYB 193, 148, 145 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, 148, 145) }
```

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

```
.border{ border-color:rgb(193, 148, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 148, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 148, 145); box-shadow:4px 4px 4px 4px rgb(193, 148, 145) }
```

Background

The CSS property to change the background color of an element to RGB 193, 148, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 145) }
```

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

```
.background{ background-color: rgb(193,  
148, 145) }
```

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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