

Converting Colors

`RYB(193, 152, 192)`

Have a look what the booklet for RYB(193, 152, 192) contains.

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Color

R_YB(193, 152, 192)

Conversions

Conversions Part 1

Format	Color
Hex	C198C0
RGB	193, 152, 192
RGB Percent	76%, 60%, 75%
CMY	0.2431, 0.4039, 0.2471
CMYK	0.00, 0.21, 0.01, 0.24
HSL	301°, 25%, 68%
HSV	301°, 21%, 76%
XYZ	42.7350, 37.5997, 54.8743
YIQ	168.8190, 11.5960, 21.1320

Conversions

Conversions Part 2

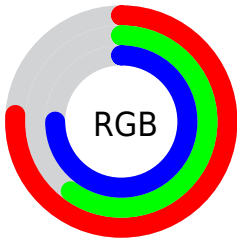
Format	Color
RYB	193, 152, 192
Decimal	12687552
CIELab	67.72, 22.17, -14.81
CIELCh	68, 26.656, 326.256
Yxy	37.5997, 0.3161, 0.2781
Android (android.graphics.Color)	4290877632 (0xFFC198C0)
YUV	168.8190, 11.4282, 21.2067
Hunter-Lab	61.3186, 17.0951, -10.1358

Details

The RYB color **193, 152, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **152, 192, 193**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **250, 207, 248**, and **139, 101, 138** is the 20% darker color. If you saturate the color by 10%, you get **193, 133, 192**, and if you desaturate by 10%, it is **193, 171, 192**.

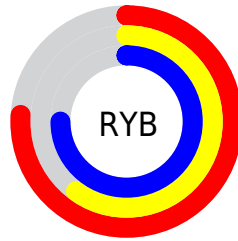
Distribution



Red (76%)

Green (60%)

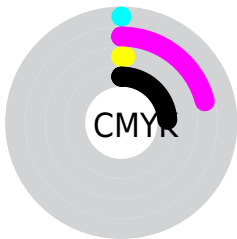
Blue (75%)



Red (76%)

Yellow (60%)

Blue (75%)

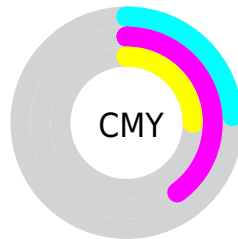


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (40%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 193, 152, 192 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, 152, 192 by changing the saturation by 10% instead.

 193, 152, 192

 193, 152, 192


255, 255, 255

 166, 126, 165

 250, 207, 248


 139, 101, 138

 255, 235, 255

 113, 76, 113

 88, 53, 88

 64, 31, 65

 41, 9, 43

 18, 0, 22


 0, 0, 0


 193, 152, 192


 193, 152, 192

 193, 133, 192


 193, 171, 192

 193, 113, 191


 193, 191, 193

 193, 94, 191


 193, 210, 210

 193, 75, 190


 193, 228, 229

 193, 55, 190

 193, 248, 249

 193, 36, 189

 193, 253, 255

 193, 17, 189

 193, 252, 255

 193, 0, 188

Harmonies

Analogous

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



165, 160, 208



193, 152, 192



210, 148, 169

Triad

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



193, 152, 192



152, 185, 117



92, 137, 185

Complementary

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



193, 152, 192



152, 192, 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, 147, 178



193, 152, 192



121, 170, 131

Square

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



193, 152, 192



204, 170, 126



132, 170, 175



101, 144, 204

Rectangle

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



193, 152, 192



214, 148, 153



132, 170, 175



95, 137, 178

Sweetspot

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



193, 152, 192



250, 235, 250



153, 152, 193



125, 116, 125



252, 252, 252



125, 125, 125

Same Dimension

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



193, 152, 192



250, 187, 248



193, 152, 172



97, 87, 97



161, 0, 157



33, 0, 32

Inverse Universe

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



193, 152, 192



250, 187, 248



152, 179, 193



97, 87, 97



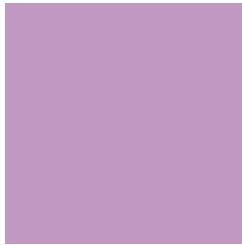
161, 0, 157



33, 0, 32

Previews

White Background



This preview shows how the RYB color 193, 152, 192 looks on a white background.

Color Contrast Check

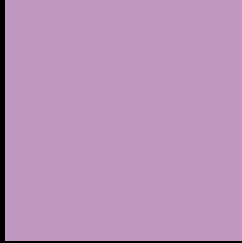
Large Text (above 18pt) WCAG AA × Fail

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, 152, 192 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, 152, 192 Background



This preview shows how black text looks on a background with the RYB color 193, 152, 192.

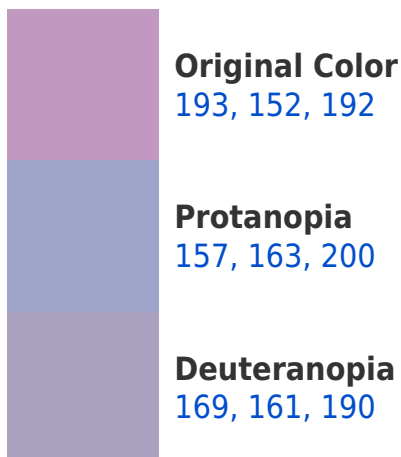


This preview shows how white text looks on a background with the RYB color 193, 152, 192.

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
190, 156, 168

Trichromacy



Original Color
193, 152, 192

Protanomaly
170, 160, 197

Deuteranomaly
178, 158, 191

Tritanomaly
191, 155, 177

Monochromacy



Original Color
193, 152, 192

Achromatopsia
169, 169, 169

Achromatomaly
178, 163, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 152, 192 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, 152, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 152, 192)  
}
```

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, 152, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 152, 192) }
```

Border

The CSS property to change the border of an element to RYB 193, 152, 192 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, 152, 192) }
```

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

```
.border{ border-color:rgb(193, 152, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 152, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 152, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 152, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 152,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 193, 152, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 152, 192) }
```

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

```
.background{ background-color: rgb(193,  
152, 192) }
```

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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