

Converting Colors

`RYB(192, 133, 193)`

Have a look what the booklet for
RYB(192, 133, 193) contains.

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Color

R_YB(192, 133, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C085C1
RGB	192, 133, 193
RGB Percent	75%, 52%, 76%
CMY	0.2471, 0.4784, 0.2431
CMYK	0.01, 0.31, 0.00, 0.24
HSL	299°, 33%, 64%
HSV	299°, 31%, 76%
XYZ	39.7514, 31.8318, 54.5011
YIQ	157.4810, 15.9040, 31.1680

Conversions

Conversions Part 2

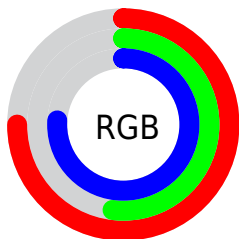
Format	Color
R_{YB}	192, 133, 193
Decimal	12617153
CIE _{Lab}	63.20, 32.52, -22.24
CIE _{LCh}	63, 39.399, 325.634
Yxy	31.8318, 0.3153, 0.2525
Android (android.graphics.Color)	4290807233 (0xFFC085C1)
YUV	157.4810, 17.5109, 30.2732
Hunter-Lab	56.4197, 27.0307, -17.7801

Details

The RYB color **192, 133, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **133, 193, 192**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **249, 187, 250**, and **137, 82, 139** is the 20% darker color. If you saturate the color by 10%, you get **192, 114, 193**, and if you desaturate by 10%, it is **192, 152, 193**.

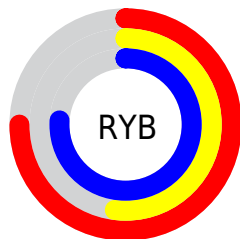
Distribution



Red (75%)

Green (52%)

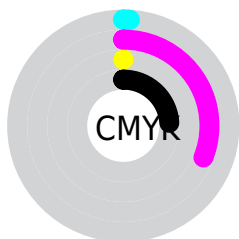
Blue (76%)



Red (75%)

Yellow (52%)

Blue (76%)

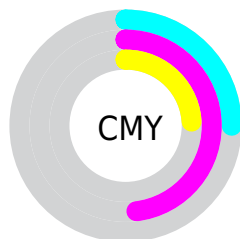


Cyan (1%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (48%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 133, 193 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 192, 133, 193 by changing the saturation by 10% instead.

 192, 133, 193

255, 255, 255

 249, 187, 250


 255, 215, 255

 255, 244, 255

 192, 133, 193

 164, 107, 166

 137, 82, 139

 111, 58, 114

 86, 34, 89

 62, 9, 65


 40, 0, 43


 0, 0, 22


 0, 0, 0

 192, 133, 193


 192, 133, 193

 192, 114, 193


 192, 152, 193

 191, 94, 193

 193, 172, 193

 191, 75, 193


 193, 191, 193

 191, 56, 193

 193, 210, 210

 190, 37, 193

 193, 230, 229

 190, 17, 193

 193, 249, 248

 190, 0, 193

 193, 255, 254

 193, 255, 253

Harmonies

Analogous

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



149, 146, 216



192, 133, 193



216, 125, 160

Triad

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



192, 133, 193



127, 180, 82



0, 88, 182

Complementary

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



192, 133, 193



133, 193, 192

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.



47, 116, 171



192, 133, 193



88, 160, 103

Square

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



192, 133, 193



206, 161, 96



103, 159, 167



0, 93, 210

Rectangle

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



192, 133, 193



221, 125, 136



103, 159, 167



0, 86, 171

Sweetspot

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



192, 133, 193



250, 227, 250



133, 134, 193



125, 111, 125



252, 252, 252



125, 125, 125

Same Dimension

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



192, 133, 193



248, 157, 250



193, 133, 164



97, 87, 97



158, 0, 161



33, 0, 33

Inverse Universe

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



193, 133, 134



250, 157, 159



133, 173, 193



97, 87, 87



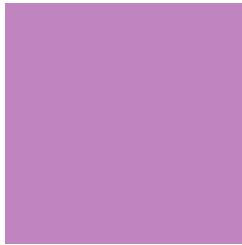
161, 0, 3



33, 0, 1

Previews

White Background



This preview shows how the RYB color 192, 133, 193 looks on a white background.

Color Contrast Check

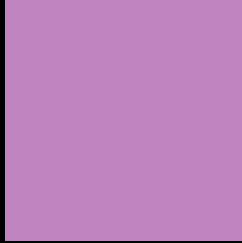
Large Text (above 18pt) WCAG AA × Fail

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 192, 133, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

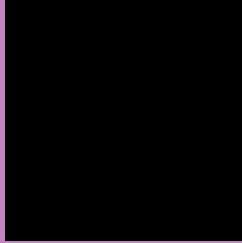
Any Text WCAG AA ✓ Pass

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 192, 133, 193 Background



This preview shows how black text looks on a background with the RYB color 192, 133, 193.

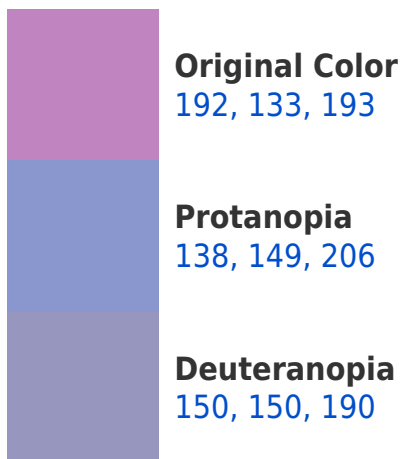



This preview shows how white text looks on a background with the RYB color 192, 133, 193.

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
186, 141, 152

Trichromacy



Original Color
192, 133, 193

Protanomaly
158, 144, 201

Deuteranomaly
165, 144, 191

Tritanomaly
188, 138, 167

Monochromacy



Original Color
192, 133, 193

Achromatopsia
157, 157, 157

Achromatomaly
170, 148, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 133, 193 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(192, 133, 193)` looks like.

```
.text, #text, p{  
  color:rgb(192, 133, 193)  
}
```

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(192, 133, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 133, 193) }
```

Border

The CSS property to change the border of an element to RYB 192, 133, 193 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(192, 133, 193) }
```

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

```
.border{ border-color:rgb(192, 133, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 133, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 133, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 133, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 133,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 192, 133, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 133, 193) }
```

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

```
.background{ background-color: rgb(192,  
133, 193) }
```

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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