

Converting Colors

`RYB(187, 162, 193)`

Have a look what the booklet for
RYB(187, 162, 193) contains.

RYB(187, 162, 193)	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

R_YB(187, 162, 193)

Conversions

Conversions Part 1

Format	Color
Hex	BBA2C1
RGB	187, 162, 193
RGB Percent	73%, 64%, 76%
CMY	0.2667, 0.3647, 0.2431
CMYK	0.03, 0.16, 0.00, 0.24
HSL	288°, 20%, 70%
HSV	288°, 16%, 76%
XYZ	43.0395, 40.2557, 55.9538
YIQ	173.0090, 4.9490, 14.9410

Conversions

Conversions Part 2

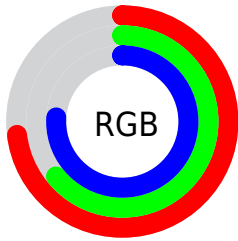
Format	Color
RYB	187, 162, 193
Decimal	12296897
CIELab	69.65, 14.77, -12.52
CIELCh	70, 19.362, 319.705
Yxy	40.2557, 0.3091, 0.2891
Android (android.graphics.Color)	4290486977 (0xFFBBA2C1)
YUV	173.0090, 9.8556, 12.2701
Hunter-Lab	63.4474, 10.0524, -7.8742

Details

The RYB color **187, 162, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 193, 187**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **243, 217, 249**, and **134, 110, 139** is the 20% darker color. If you saturate the color by 10%, you get **183, 143, 193**, and if you desaturate by 10%, it is **191, 181, 193**.

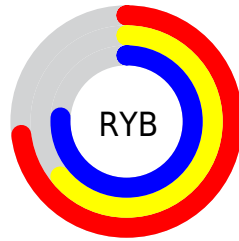
Distribution



Red (73%)

Green (64%)

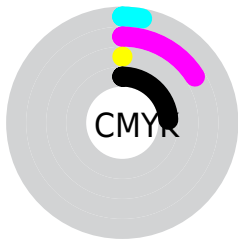
Blue (76%)



Red (73%)

Yellow (64%)

Blue (76%)

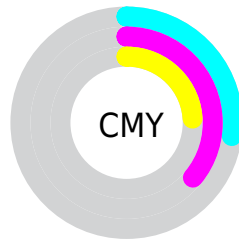


Cyan (3%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 162, 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 187, 162, 193 by changing the saturation by 10% instead.


 187, 162, 193


255, 255, 255

 243, 217, 249

 255, 245, 255

 187, 162, 193


 160, 136, 166

 134, 110, 139

 108, 86, 114


 84, 62, 89


 60, 40, 66

 38, 20, 44


 19, 0, 24


 0, 0, 0

 187, 162, 193

 187, 162, 193

 183, 143, 193

 191, 181, 193

 180, 123, 193


 193, 201, 200

 176, 104, 193

 193, 220, 215

 172, 85, 193


 193, 239, 230

 168, 66, 193

 193, 255, 242

 165, 46, 193

 193, 255, 239

 161, 27, 193

 193, 255, 235

 157, 8, 193

 193, 255, 231

 156, 0, 193

 193, 255, 227

Harmonies

Analogous

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



165, 168, 203



187, 162, 193



202, 158, 177

Triad

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



187, 162, 193



174, 189, 136



123, 152, 181

Complementary

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



187, 162, 193



162, 193, 187

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.



133, 162, 180



187, 162, 193



137, 173, 139

Square

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



187, 162, 193



202, 168, 144



147, 177, 173



126, 156, 196

Rectangle

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



187, 162, 193



206, 158, 165



147, 177, 173



125, 154, 180

Sweetspot

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



187, 162, 193



247, 237, 250



162, 167, 193



123, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



187, 162, 193



241, 202, 250



193, 162, 184



95, 87, 97



130, 0, 161



27, 0, 33

Inverse Universe

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



193, 162, 168



250, 202, 212



162, 186, 193



97, 87, 89



161, 0, 31



33, 0, 6

Previews

White Background



This preview shows how the RYB color 187, 162, 193 looks on a white background.

Color Contrast Check

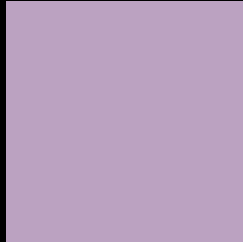
Large Text (above 18pt) WCAG AA × Fail

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 187, 162, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

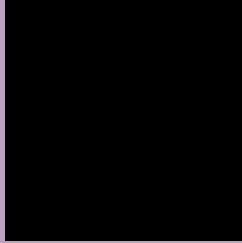
Any Text WCAG AA ✓ Pass

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 187, 162, 193 Background



This preview shows how black text looks on a background with the RYB color 187, 162, 193.



This preview shows how white text looks on a background with the RYB color 187, 162, 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



Original Color
187, 162, 193

Protanopia
165, 169, 197

Deuteranopia
176, 166, 192



Tritanopia
185, 165, 178

Trichromacy



Original Color
187, 162, 193

Protanomaly
173, 166, 196

Deuteranomaly
180, 165, 192

Tritanomaly
186, 164, 183

Monochromacy



Original Color
187, 162, 193

Achromatopsia
173, 173, 173

Achromatomaly
178, 169, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 162, 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(187, 162, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 162, 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(187, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 162, 193) }
```

Border

The CSS property to change the border of an element to RYB 187, 162, 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(187, 162, 193) }
```

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

```
.border{ border-color:rgb(187, 162, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 162,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 187, 162, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 162, 193) }
```

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

```
.background{ background-color: rgb(187,  
162, 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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