

Converting Colors

`RYB(163, 152, 192)`

Have a look what the booklet for RYB(163, 152, 192) contains.

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Color

R_YB(163, 152, 192)

Conversions

Conversions Part 1

Format	Color
Hex	A398C0
RGB	163, 152, 192
RGB Percent	64%, 60%, 75%
CMY	0.3608, 0.4039, 0.2471
CMYK	0.15, 0.21, 0.00, 0.25
HSL	256°, 24%, 67%
HSV	256°, 21%, 75%
XYZ	35.8469, 34.0488, 54.5519
YIQ	159.8490, -6.2840, 14.7720

Conversions

Conversions Part 2

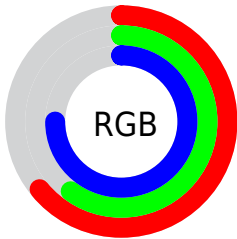
Format	Color
RYB	163, 152, 192
Decimal	10721472
CIELab	65.00, 12.11, -19.19
CIELCh	65, 22.690, 302.247
Yxy	34.0488, 0.2880, 0.2736
Android (android.graphics.Color)	4288911552 (0xFFA398C0)
YUV	159.8490, 15.8504, 2.7634
Hunter-Lab	58.3513, 7.5429, -14.5835

Details

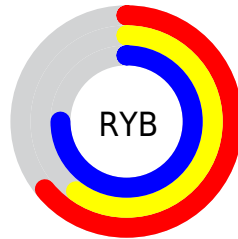
The RYB color **163, 152, 192** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 192, 163**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **218, 206, 248**, and **111, 101, 138** is the 20% darker color. If you saturate the color by 10%, you get **149, 133, 192**, and if you desaturate by 10%, it is **177, 171, 192**.

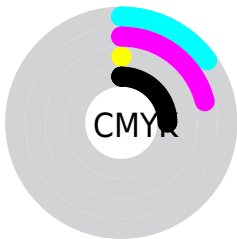
Distribution



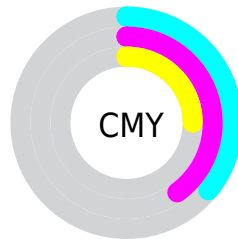
- Red (64%)
- Green (60%)
- Blue (75%)



- Red (64%)
- Yellow (60%)
- Blue (75%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 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 163, 152, 192 by changing the saturation by 10% instead.


 163, 152, 192


255, 255, 255

 218, 206, 248


 247, 234, 255


 163, 152, 192

 137, 126, 165

 111, 101, 138

 86, 77, 113

 62, 54, 88

 40, 33, 65

 19, 11, 43

 0, 1, 22


 0, 0, 0


 163, 152, 192


 163, 152, 192

 149, 133, 192

 177, 171, 192

 135, 114, 192

 191, 190, 192

 121, 94, 192

 192, 210, 197

 107, 75, 192

 192, 229, 202

 93, 56, 192

 192, 248, 207

 79, 37, 192

 192, 255, 200

 66, 18, 192

 192, 255, 192

 53, 0, 192

Harmonies

Analogous

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



135, 152, 198



163, 152, 192



185, 146, 177

Triad

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



163, 152, 192



189, 170, 122



107, 141, 169

Complementary

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



163, 152, 192



152, 192, 163

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.



126, 158, 167



163, 152, 192



136, 171, 117

Square

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



163, 152, 192



198, 146, 137



123, 163, 137



99, 136, 179

Rectangle

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



163, 152, 192



195, 144, 164



123, 163, 137



112, 145, 169

Sweetspot

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



163, 152, 192



239, 235, 250



152, 169, 192



119, 116, 125



252, 252, 252



125, 125, 125

Same Dimension

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



163, 152, 192



205, 187, 250



183, 152, 192



90, 87, 97



44, 0, 161



9, 0, 33

Inverse Universe

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



192, 152, 181



250, 187, 233



152, 192, 183



97, 87, 94



161, 0, 116



33, 0, 24

Previews

White Background



This preview shows how the RYB color 163, 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 163, 152, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

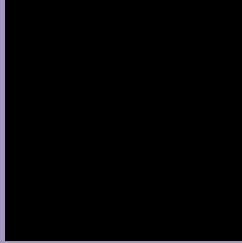
Any Text WCAG AA ✓ Pass

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 163, 152, 192 Background



This preview shows how black text looks on a background with the RYB color 163, 152, 192.



This preview shows how white text looks on a background with the RYB color 163, 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



Original Color
163, 152, 192

Protanopia
149, 155, 195

Deuteranopia
156, 154, 192



Tritanopia
159, 156, 169

Trichromacy



Original Color
163, 152, 192

Protanomaly
154, 155, 194

Deuteranomaly
159, 153, 192

Tritanomaly
160, 155, 177

Monochromacy



Original Color
163, 152, 192

Achromatopsia
160, 160, 160

Achromatomaly
161, 157, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 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(163, 152, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 152, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 152, 192) }
```

Border

The CSS property to change the border of an element to RYB 163, 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(163, 152, 192) }
```

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

```
.border{ border-color:rgb(163, 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(163, 152, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 152, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 152, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 152,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 163, 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(163, 152, 192) }
```

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

```
.background{ background-color: rgb(163,  
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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