

Converting Colors

`RYB(173, 163, 215)`

Have a look what the booklet for
RYB(173, 163, 215) contains.

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Color

R_YB(173, 163, 215)

Conversions

Conversions Part 1

Format	Color
Hex	ADA3D7
RGB	173, 163, 215
RGB Percent	68%, 64%, 84%
CMY	0.3216, 0.3608, 0.1569
CMYK	0.20, 0.24, 0.00, 0.16
HSL	252°, 39%, 74%
HSV	252°, 24%, 84%
XYZ	42.5965, 39.9849, 69.7628
YIQ	171.9180, -10.7320, 18.2920

Conversions

Conversions Part 2

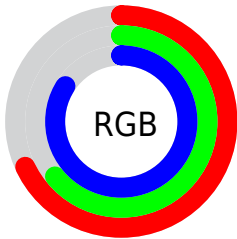
Format	Color
RYB	173, 163, 215
Decimal	11379671
CIELab	69.46, 14.28, -25.08
CIELCh	69, 28.855, 299.653
Yxy	39.9849, 0.2796, 0.2625
Android (android.graphics.Color)	4289569751 (0xFFADA3D7)
YUV	171.9180, 21.2394, 0.9489
Hunter-Lab	63.2336, 9.5854, -21.1484

Details

The RYB color **173, 163, 215** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **163, 215, 173**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **229, 218, 255**, and **120, 111, 160** is the 20% darker color. If you saturate the color by 10%, you get **156, 142, 215**, and if you desaturate by 10%, it is **190, 185, 215**.

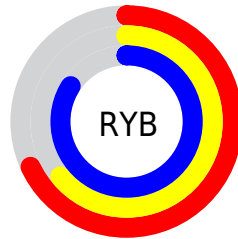
Distribution



Red (68%)

Green (64%)

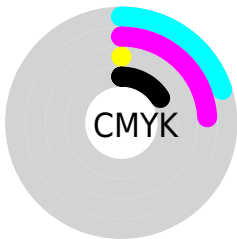
Blue (84%)



Red (68%)

Yellow (64%)

Blue (84%)

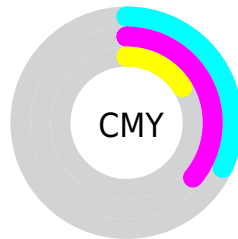


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 163, 215 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 173, 163, 215 by changing the saturation by 10% instead.

 173, 163, 215


255, 255, 255

 229, 218, 255


 255, 246, 255

 173, 163, 215


 146, 137, 187

 120, 111, 160

 95, 87, 134

 70, 64, 108

 46, 42, 84

 23, 21, 60

 0, 0, 39

 0, 1, 16

 0, 0, 0

■ 173, 163, 215

■ 173, 163, 215

■ 156, 142, 215

■ 190, 185, 215

■ 138, 120, 215

■ 208, 206, 215

■ 121, 99, 215

■ 215, 227, 217

■ 104, 77, 215

■ 215, 249, 222

■ 86, 55, 215

■ 215, 255, 215

■ 69, 34, 215

■ 51, 12, 215

■ 41, 0, 215

Harmonies

Analogous

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



135, 161, 221



173, 163, 215



203, 155, 196

Triad

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



173, 163, 215



210, 182, 125



102, 147, 184

Complementary

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



173, 163, 215



163, 215, 173

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.



130, 171, 181



173, 163, 215



145, 188, 117

Square

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



173, 163, 215



221, 153, 145



124, 176, 139



87, 138, 195

Rectangle

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



173, 163, 215



216, 151, 180



124, 176, 139



111, 155, 184

Sweetspot

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



173, 163, 215



241, 237, 255



163, 186, 215



119, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 163, 215



195, 181, 255



199, 163, 215



98, 96, 107



33, 0, 171



8, 0, 43

Inverse Universe

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



215, 163, 205



255, 181, 241



163, 215, 199



107, 96, 105



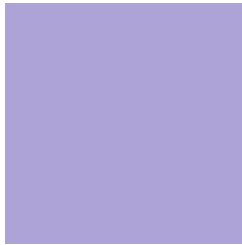
171, 0, 138



43, 0, 35

Previews

White Background



This preview shows how the RYB color 173, 163, 215 looks on a white background.

Color Contrast Check

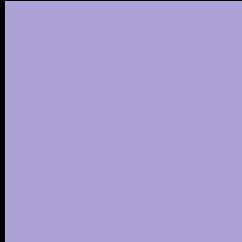
Large Text (above 18pt) WCAG AA × Fail

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 173, 163, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

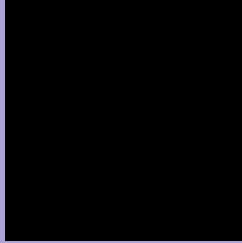
Any Text WCAG AA ✓ Pass

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 173, 163, 215 Background



This preview shows how black text looks on a background with the RYB color 173, 163, 215.



This preview shows how white text looks on a background with the RYB color 173, 163, 215.

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
173, 163, 215

Protanopia
156, 166, 218

Deuteranopia
163, 166, 214



Tritanopia
167, 169, 182

Trichromacy



Original Color
173, 163, 215

Protanomaly
162, 166, 217

Deuteranomaly
167, 165, 214

Tritanomaly
169, 167, 194

Monochromacy



Original Color
173, 163, 215

Achromatopsia
172, 172, 172

Achromatomaly
172, 169, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 163, 215 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(173, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 215)  
}
```

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(173, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 215) }
```

Border

The CSS property to change the border of an element to RYB 173, 163, 215 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(173, 163, 215) }
```

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

```
.border{ border-color:rgb(173, 163, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 215);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 173, 163, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 215) }
```

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

```
.background{ background-color: rgb(173,  
163, 215) }
```

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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