

Converting Colors

`RYB(162, 160, 205)`

Have a look what the booklet for
RYB(162, 160, 205) contains.

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Color

R_YB(162, 160, 205)

Conversions

Conversions Part 1

Format	Color
Hex	A2A0CD
RGB	162, 160, 205
RGB Percent	64%, 63%, 80%
CMY	0.3647, 0.3725, 0.1961
CMYK	0.21, 0.22, 0.00, 0.20
HSL	243°, 31%, 72%
HSV	243°, 22%, 80%
XYZ	38.4905, 37.2308, 62.9152
YIQ	165.7280, -13.2530, 14.4190

Conversions

Conversions Part 2

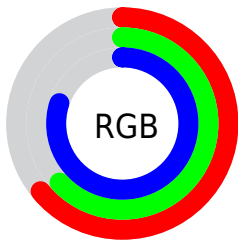
Format	Color
R _Y B	162, 160, 205
Decimal	10657997
CIE Lab	67.45, 10.22, -22.70
CIE LCh	67, 24.899, 294.242
Yxy	37.2308, 0.2776, 0.2685
Android (android.graphics.Color)	4288848077 (0xFFA2A0CD)
YUV	165.7280, 19.3611, -3.2695
Hunter-Lab	61.0170, 5.8209, -18.4225

Details

The RYB color **162, 160, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **160, 205, 162**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **217, 215, 255**, and **110, 109, 151** is the 20% darker color. If you saturate the color by 10%, you get **142, 139, 205**, and if you desaturate by 10%, it is **182, 181, 205**.

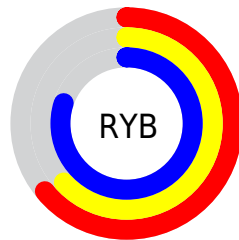
Distribution



Red (64%)

Green (63%)

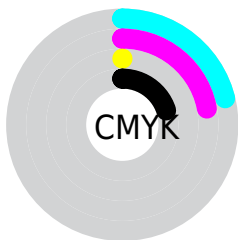
Blue (80%)



Red (64%)

Yellow (63%)

Blue (80%)

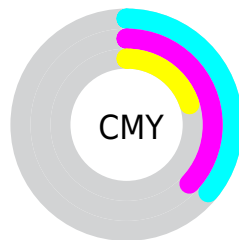


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (36%)


Magenta (37%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 160, 205 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 162, 160, 205 by changing the saturation by 10% instead.

 162, 160, 205


255, 255, 255

 217, 215, 255


 246, 243, 255

 162, 160, 205

 135, 134, 177

 110, 109, 151

 85, 84, 125

 61, 61, 100

 37, 40, 76

 14, 18, 53

 0, 2, 31

 0, 0, 3

 0, 0, 0

■ 162, 160, 205

■ 162, 160, 205

■ 142, 139, 205

■ 182, 181, 205

■ 123, 119, 205

■ 201, 201, 205

■ 103, 99, 205

■ 205, 222, 206

■ 84, 78, 205

■ 205, 242, 207

■ 64, 58, 205

■ 205, 255, 205

■ 44, 37, 205

■ 25, 16, 205

■ 9, 0, 205

Harmonies

Analogous

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



131, 156, 208



162, 160, 205



189, 153, 191

Triad

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



162, 160, 205



202, 167, 129



112, 150, 177

Complementary

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



162, 160, 205



160, 205, 162

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.



136, 173, 174



162, 160, 205



158, 185, 120

Square

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



162, 160, 205



210, 149, 147



123, 168, 130



98, 139, 182

Rectangle

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



162, 160, 205



201, 149, 177



123, 168, 130



119, 156, 176

Sweetspot

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



162, 160, 205



238, 237, 255



160, 182, 205



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 160, 205



192, 189, 255



184, 160, 205



92, 92, 102



7, 0, 166



2, 0, 38

Inverse Universe

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



205, 160, 203



255, 189, 252



160, 205, 184



102, 92, 102



166, 0, 158



38, 0, 37

Previews

White Background



This preview shows how the RYB color 162, 160, 205 looks on a white background.

Color Contrast Check

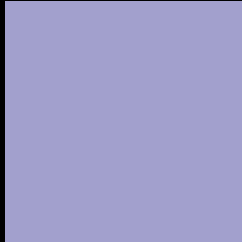
Large Text (above 18pt) WCAG AA × Fail

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 162, 160, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

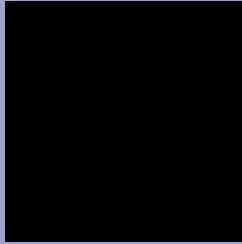
Any Text WCAG AA ✓ Pass

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](#).

RYP 162, 160, 205 Background



This preview shows how black text looks on a background with the RYB color 162, 160, 205.



This preview shows how white text looks on a background with the RYB color 162, 160, 205.

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

162, 160, 205

Protanopia

153, 161, 207

Deuteranopia

159, 161, 205



Tritanopia
157, 163, 178

Trichromacy



Original Color

162, 160, 205

Protanomaly

156, 161, 206

Deuteranomaly

160, 161, 205

Tritanomaly

159, 163, 188

Monochromacy



Original Color

162, 160, 205

Achromatopsia

166, 166, 166

Achromatomaly

165, 164, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 160, 205 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(162, 160, 205)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 205)  
}
```

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(162, 160, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 205) }
```

Border

The CSS property to change the border of an element to RYB 162, 160, 205 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(162, 160, 205) }
```

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

```
.border{ border-color:rgb(162, 160, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 160, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 205);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 162, 160, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 205) }
```

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

```
.background{ background-color: rgb(162,  
160, 205) }
```

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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