

Converting Colors

`RYB(161, 135, 161)`

Have a look what the booklet for
RYB(161, 135, 161) contains.

RYB(161, 135, 161)	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

$\text{RYB}(161, 135, 161)$

Conversions

Conversions Part 1

Format	Color
Hex	A187A1
RGB	161, 135, 161
RGB Percent	63%, 53%, 63%
CMY	0.3686, 0.4706, 0.3686
CMYK	0.00, 0.16, 0.00, 0.37
HSL	300°, 12%, 58%
HSV	300°, 16%, 63%
XYZ	29.7949, 27.4782, 37.4517
YIQ	145.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

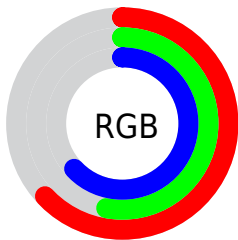
Format	Color
R_{YB}	161, 135, 161
Decimal	10586017
CIE _{Lab}	59.41, 14.59, -10.11
CIE _{LCh}	59, 17.751, 325.296
Yxy	27.4782, 0.3145, 0.2901
Android (android.graphics.Color)	4288776097 (0xFFA187A1)
YUV	145.7380, 7.5242, 13.3848
Hunter-Lab	52.4197, 9.7236, -5.6665

Details

The RYB color **161, 135, 161** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **135, 161, 161**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **216, 188, 216**, and **109, 85, 109** is the 20% darker color. If you saturate the color by 10%, you get **161, 119, 161**, and if you desaturate by 10%, it is **161, 151, 161**.

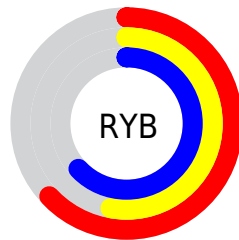
Distribution



Red (63%)

Green (53%)

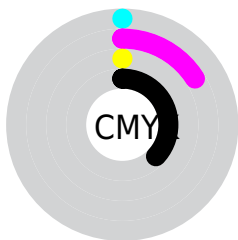
Blue (63%)



Red (63%)

Yellow (53%)

Blue (63%)

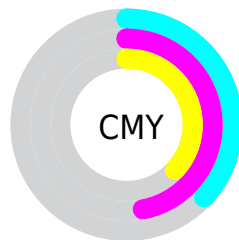


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (37%)



Cyan (37%)


Magenta (47%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 135, 161 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 161, 135, 161 by changing the saturation by 10% instead.


 161, 135, 161


255, 255, 255

 216, 188, 216

 244, 216, 244


 255, 245, 255

 161, 135, 161


 135, 110, 135

 109, 85, 109


 85, 62, 85


 61, 40, 62


 39, 19, 40


 19, 0, 20


 0, 0, 0


 161, 135, 161


 161, 119, 161


 161, 135, 161


 161, 151, 161


 161, 103, 161


 161, 167, 167


 161, 87, 161


 161, 183, 183


 161, 71, 161


 161, 199, 199

 161, 55, 161

 161, 215, 215

 161, 38, 161

 161, 232, 232

 161, 22, 161

 161, 248, 248

 161, 6, 161

 161, 255, 255

 161, 0, 161

Harmonies

Analogous

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



143, 140, 171



161, 135, 161



173, 132, 146

Triad

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



161, 135, 161



137, 157, 112



100, 127, 156

Complementary

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



161, 135, 161



135, 161, 161

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.



108, 133, 152



161, 135, 161



115, 146, 120

Square

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



161, 135, 161



170, 146, 118



123, 148, 150



105, 131, 168

Rectangle

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



161, 135, 161



175, 132, 135



123, 148, 150



101, 127, 152

Sweetspot

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



161, 135, 161



209, 199, 209



135, 135, 161



105, 98, 105



232, 232, 232



105, 105, 105

Same Dimension

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



161, 135, 161



209, 169, 209



161, 135, 148



82, 73, 82



145, 0, 145



18, 0, 18

Inverse Universe

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



161, 135, 161



209, 169, 209



135, 152, 161



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RYB color 161, 135, 161 looks on a white background.

Color Contrast Check

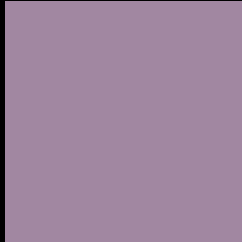
Large Text (above 18pt) WCAG AA ✓ Pass

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 161, 135, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

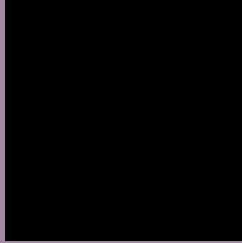
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 161, 135, 161 Background



This preview shows how black text looks on a background with the RYB color 161, 135, 161.



This preview shows how white text looks on a background with the RYB color 161, 135, 161.

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
161, 135, 161

Protanopia
139, 142, 166

Deuteranopia
149, 139, 160



Tritanopia

159, 137, 148

Trichromacy



Original Color

161, 135, 161

Protanomaly

147, 139, 164

Deuteranomaly

153, 138, 160

Tritanomaly

160, 136, 153

Monochromacy



Original Color

161, 135, 161

Achromatopsia

146, 146, 146

Achromatomaly

151, 142, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 135, 161 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(161, 135, 161) looks like.

```
.text, #text, p{  
    color:rgb(161, 135, 161)  
}
```

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(161, 135, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 135, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 135, 161 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(161, 135, 161) }
```

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

```
.border{ border-color:rgb(161, 135, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 135, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 135, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 135, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 135,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 135, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 135, 161) }
```

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

```
.background{ background-color: rgb(161,  
135, 161) }
```

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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