

Converting Colors

`RYB(167, 130, 164)`

Have a look what the booklet for RYB(167, 130, 164) contains.

RYB(167, 130, 164)	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(167, 130, 164)

Conversions

Conversions Part 1

Format	Color
Hex	A782A4
RGB	167, 130, 164
RGB Percent	65%, 51%, 64%
CMY	0.3451, 0.4902, 0.3569
CMYK	0.00, 0.22, 0.02, 0.35
HSL	305°, 17%, 58%
HSV	305°, 22%, 65%
XYZ	30.6198, 26.8611, 38.6928
YIQ	144.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

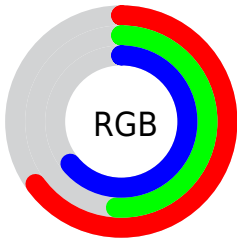
Format	Color
RYB	167, 130, 164
Decimal	10977956
CIELab	58.85, 20.15, -12.62
CIElCh	59, 23.776, 327.946
Yxy	26.8611, 0.3184, 0.2793
Android (android.graphics.Color)	4289168036 (0xFFA782A4)
YUV	144.9390, 9.3971, 19.3475
Hunter-Lab	51.8277, 14.7594, -7.9846

Details

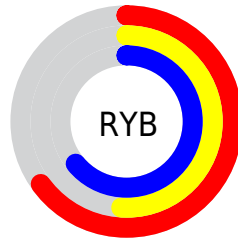
The RYB color **167, 130, 164** is a light color, and the websafe version is hex **996699**. A complement of this color would be **130, 164, 167**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **222, 183, 219**, and **115, 80, 112** is the 20% darker color. If you saturate the color by 10%, you get **167, 113, 163**, and if you desaturate by 10%, it is **167, 147, 165**.

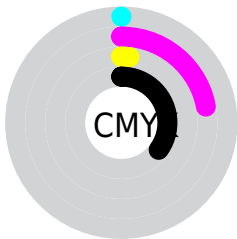
Distribution



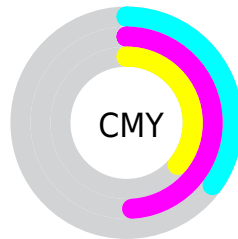
- Red (65%)
- Green (51%)
- Blue (64%)



- Red (65%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 130, 164 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 167, 130, 164 by changing the saturation by 10% instead.


 167, 130, 164

255, 255, 255

 222, 183, 219

 251, 211, 247


 255, 239, 255


 167, 130, 164

 140, 105, 138

 115, 80, 112

 90, 57, 88

 66, 35, 64

 43, 14, 42

 23, 0, 22

 0, 0, 0

 167, 130, 164

 167, 113, 163

 167, 130, 164

 167, 147, 165

167, 97, 161

167, 163, 167

167, 80, 160

167, 179, 180

167, 63, 159

167, 195, 197

167, 46, 157

167, 209, 213

167, 30, 156

167, 225, 230

167, 13, 155

167, 241, 247

167, 0, 153

167, 248, 255

167, 247, 255

Harmonies

Analogous

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



143, 137, 178



167, 130, 164



181, 126, 144

Triad

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



167, 130, 164



126, 158, 100



78, 117, 160

Complementary

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



167, 130, 164



130, 164, 167

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.



90, 125, 153



167, 130, 164



104, 146, 114

Square

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



167, 130, 164



175, 149, 107



112, 145, 151



87, 124, 176

Rectangle

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



167, 130, 164



184, 127, 130



112, 145, 151



80, 117, 154

Sweetspot

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



167, 130, 164



217, 202, 216



132, 130, 167



110, 101, 109



237, 237, 237



110, 110, 110

Same Dimension

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



167, 130, 164



217, 158, 212



167, 130, 146



84, 76, 83



148, 0, 136



20, 0, 19

Inverse Universe

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



167, 130, 164



217, 158, 212



130, 154, 167



84, 76, 83



148, 0, 136



20, 0, 19

Previews

White Background



This preview shows how the RYB color 167, 130, 164 looks on a white background.

Color Contrast Check

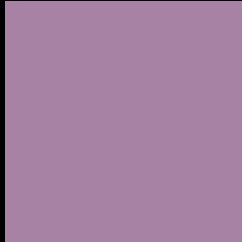
Large Text (above 18pt) WCAG AA ✓ Pass

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 167, 130, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

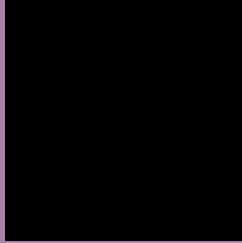
Any Text WCAG AA ✓ Pass

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 167, 130, 164 Background



This preview shows how black text looks on a background with the RYB color 167, 130, 164.



This preview shows how white text looks on a background with the RYB color 167, 130, 164.

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
167, 130, 164

Protanopia
135, 140, 171

Deuteranopia
146, 138, 162



Tritanopia
164, 134, 144

Trichromacy



Original Color
167, 130, 164

Protanomaly
147, 137, 168

Deuteranomaly
154, 135, 163

Tritanomaly
165, 133, 151

Monochromacy



Original Color
167, 130, 164

Achromatopsia
145, 145, 145

Achromatomaly
153, 140, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 130, 164 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(167, 130, 164)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 164)  
}
```

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(167, 130, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 164) }
```

Border

The CSS property to change the border of an element to RYB 167, 130, 164 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(167, 130, 164) }
```

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

```
.border{ border-color:rgb(167, 130, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 164);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 167, 130, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 164) }
```

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

```
.background{ background-color: rgb(167,  
130, 164) }
```

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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