

Converting Colors

`RYB(165, 150, 166)`

Have a look what the booklet for
RYB(165, 150, 166) contains.

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Color

R_YB(165, 150, 166)

Conversions

Conversions Part 1

Format	Color
Hex	A596A6
RGB	165, 150, 166
RGB Percent	65%, 59%, 65%
CMY	0.3529, 0.4118, 0.3490
CMYK	0.01, 0.10, 0.00, 0.35
HSL	296°, 8%, 62%
HSV	296°, 10%, 65%
XYZ	33.3063, 32.5652, 40.6067
YIQ	156.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

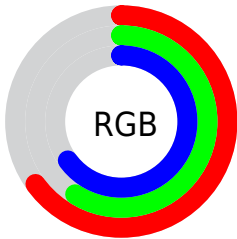
Format	Color
RYB	165, 150, 166
Decimal	10852006
CIELab	63.81, 8.51, -6.36
CIELCh	64, 10.624, 323.217
Yxy	32.5652, 0.3128, 0.3058
Android (android.graphics.Color)	4289042086 (0xFFA596A6)
YUV	156.3090, 4.7777, 7.6220
Hunter-Lab	57.0659, 4.3155, -2.2431

Details

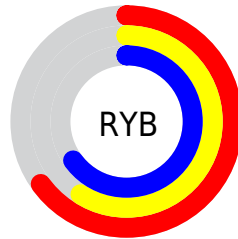
The RYB color **165, 150, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150, 166, 165**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **220, 204, 221**, and **113, 99, 114** is the 20% darker color. If you saturate the color by 10%, you get **164, 133, 166**, and if you desaturate by 10%, it is **166, 167, 167**.

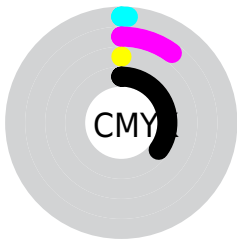
Distribution



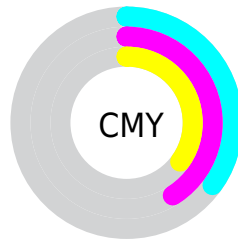
- Red (65%)
- Green (59%)
- Blue (65%)



- Red (65%)
- Yellow (59%)
- Blue (65%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 150, 166 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 165, 150, 166 by changing the saturation by 10% instead.

 165, 150, 166

255, 255, 255

 220, 204, 221


 249, 232, 250

 165, 150, 166

 139, 124, 140

 113, 99, 114

 89, 75, 90


 65, 53, 66

 43, 31, 44

 23, 8, 24

 0, 0, 0

 165, 150, 166

 164, 133, 166

 165, 150, 166

 166, 167, 167

163, 117, 166

166, 183, 182

162, 100, 166

166, 200, 198

161, 84, 166

166, 216, 213

160, 67, 166

166, 233, 229

159, 50, 166

166, 250, 245

158, 34, 166

166, 255, 249

157, 17, 166

166, 255, 248

156, 1, 166

166, 255, 247

Harmonies

Analogous

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



154, 153, 172



165, 150, 166



173, 148, 157

Triad

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



165, 150, 166



156, 165, 136



131, 146, 162

Complementary

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



165, 150, 166



150, 166, 165

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.



135, 150, 160



165, 150, 166



137, 156, 139

Square

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



165, 150, 166



172, 155, 140



143, 159, 159



133, 148, 169

Rectangle

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



165, 150, 166



175, 148, 151



143, 159, 159



131, 146, 160

Sweetspot

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



165, 150, 166



216, 210, 217



150, 151, 166



109, 105, 110



237, 237, 237



110, 110, 110

Same Dimension

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



165, 150, 166



215, 191, 217



166, 150, 159



84, 76, 84



139, 0, 148



19, 0, 20

Inverse Universe

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



166, 150, 151



217, 191, 192



150, 161, 166



84, 76, 76



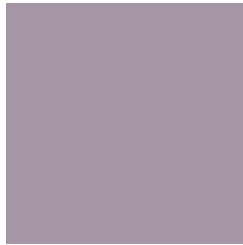
148, 0, 9



20, 0, 1

Previews

White Background



This preview shows how the RYB color 165, 150, 166 looks on a white background.

Color Contrast Check

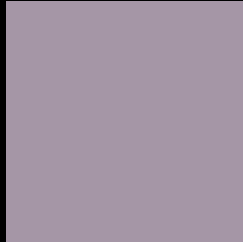
Large Text (above 18pt) WCAG AA × Fail

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 165, 150, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

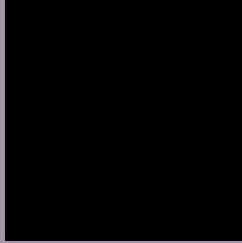
Any Text WCAG AA ✓ Pass

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 165, 150, 166 Background



This preview shows how black text looks on a background with the RYB color 165, 150, 166.



This preview shows how white text looks on a background with the RYB color 165, 150, 166.

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
165, 150, 166

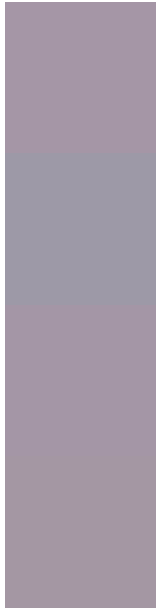
Protanopia
153, 154, 168

Deuteranopia
164, 150, 166



Tritanopia
164, 151, 162

Trichromacy



Original Color
165, 150, 166

Protanomaly
157, 153, 167

Deuteranomaly
164, 150, 166

Tritanomaly
164, 151, 163

Monochromacy



Original Color
165, 150, 166

Achromatopsia
156, 156, 156

Achromatomaly
159, 154, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 150, 166 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(165, 150, 166) looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 166)  
}
```

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(165, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 166) }
```

Border

The CSS property to change the border of an element to RYB 165, 150, 166 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(165, 150, 166) }
```

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

```
.border{ border-color:rgb(165, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 165, 150, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 166) }
```

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

```
.background{ background-color: rgb(165,  
150, 166) }
```

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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