

Converting Colors

`RYB(166, 154, 184)`

Have a look what the booklet for
RYB(166, 154, 184) contains.

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Color

R_YB(166, 154, 184)

Conversions

Conversions Part 1

Format	Color
Hex	A69AB8
RGB	166, 154, 184
RGB Percent	65%, 60%, 72%
CMY	0.3490, 0.3961, 0.2784
CMYK	0.10, 0.16, 0.00, 0.28
HSL	264°, 17%, 66%
HSV	264°, 16%, 72%
XYZ	35.9332, 34.6789, 50.1472
YIQ	161.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

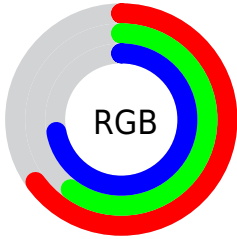
Format	Color
R_{YB}	166, 154, 184
Decimal	10918584
CIE _{Lab}	65.50, 10.26, -13.94
CIE _{LCh}	65, 17.304, 306.346
Yxy	34.6789, 0.2976, 0.2872
Android (android.graphics.Color)	4289108664 (0xFFA69AB8)
YUV	161.0080, 11.3351, 4.3780
Hunter-Lab	58.8888, 5.8632, -9.2667

Details

The RYB color **166, 154, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 184, 166**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **221, 208, 240**, and **114, 103, 131** is the 20% darker color. If you saturate the color by 10%, you get **155, 136, 184**, and if you desaturate by 10%, it is **177, 172, 184**.

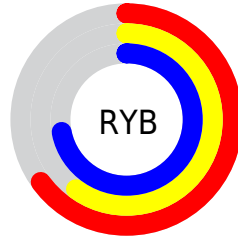
Distribution



Red (65%)

Green (60%)

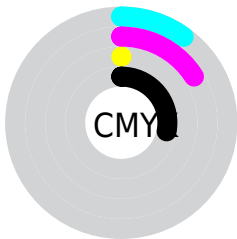
Blue (72%)



Red (65%)

Yellow (60%)

Blue (72%)

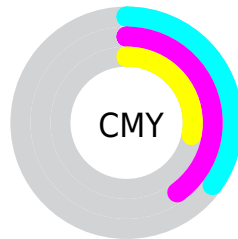


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 154, 184 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 166, 154, 184 by changing the saturation by 10% instead.

 166, 154, 184


255, 255, 255

 221, 208, 240

 250, 237, 255

 166, 154, 184

 140, 128, 157


 114, 103, 131

 89, 79, 106

 66, 56, 82

 43, 35, 58

 23, 13, 37

 0, 1, 14

 0, 0, 0

 166, 154, 184

 166, 154, 184

155, 136, 184

177, 172, 184

144, 117, 184

184, 191, 187

133, 99, 184

184, 209, 194

122, 80, 184

184, 228, 202

111, 62, 184

184, 246, 209

100, 44, 184

184, 255, 207

89, 25, 184

184, 255, 196

78, 7, 184

184, 255, 185

74, 0, 184

184, 255, 184

Harmonies

Analogous

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



146, 156, 190



166, 154, 184



182, 150, 172

Triad

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



166, 154, 184



182, 173, 131



121, 146, 168

Complementary

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



166, 154, 184



154, 184, 166

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.



133, 158, 167



166, 154, 184



140, 168, 128

Square

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



166, 154, 184



190, 152, 141



134, 164, 148



118, 145, 177

Rectangle

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



166, 154, 184



189, 148, 162



134, 164, 148



124, 149, 168

Sweetspot

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



166, 154, 184



233, 228, 240



154, 165, 184



116, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



166, 154, 184



211, 192, 240



181, 154, 184



86, 83, 92



62, 0, 156



11, 0, 28

Inverse Universe

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



184, 154, 172



240, 192, 221



154, 184, 181



92, 83, 88



156, 0, 93



28, 0, 17

Previews

White Background



This preview shows how the RYB color 166, 154, 184 looks on a white background.

Color Contrast Check

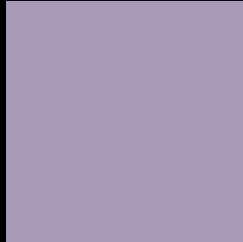
Large Text (above 18pt) WCAG AA × Fail

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 166, 154, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

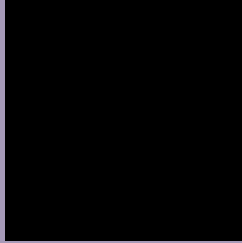
Any Text WCAG AA ✓ Pass

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 166, 154, 184 Background



This preview shows how black text looks on a background with the RYB color 166, 154, 184.



This preview shows how white text looks on a background with the RYB color 166, 154, 184.

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
166, 154, 184

Protanopia
154, 158, 186

Deuteranopia
163, 155, 184



Tritanopia

164, 157, 169

Trichromacy



Original Color
166, 154, 184

Protanomaly
158, 157, 185

Deuteranomaly
164, 155, 184

Tritanomaly
165, 156, 174

Monochromacy



Original Color
166, 154, 184

Achromatopsia
161, 161, 161

Achromatomaly
163, 158, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 154, 184 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(166, 154, 184) looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 184)  
}
```

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(166, 154, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 184) }
```

Border

The CSS property to change the border of an element to RYB 166, 154, 184 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(166, 154, 184) }
```

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

```
.border{ border-color:rgb(166, 154, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 184);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 166, 154, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 184) }
```

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

```
.background{ background-color: rgb(166,  
154, 184) }
```

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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