

Converting Colors

`RYB(153, 108, 165)`

Have a look what the booklet for
RYB(153, 108, 165) contains.

RYB(153, 108, 165)	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

`RYB(153, 108, 165)`

Conversions

Conversions Part 1

Format	Color
Hex	996CA5
RGB	153, 108, 165
RGB Percent	60%, 42%, 65%
CMY	0.4000, 0.5765, 0.3529
CMYK	0.07, 0.35, 0.00, 0.35
HSL	287°, 24%, 54%
HSV	287°, 35%, 65%
XYZ	25.2910, 20.2140, 38.1660
YIQ	127.9530, 8.5230, 27.2670

Conversions

Conversions Part 2

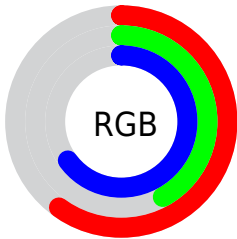
Format	Color
R_{YB}	153, 108, 165
Decimal	10054821
CIE _{Lab}	52.08, 28.16, -23.64
CIE _{LCh}	52, 36.764, 319.983
Yxy	20.2140, 0.3023, 0.2416
Android (android.graphics.Color)	4288244901 (0xFF996CA5)
YUV	127.9530, 18.2642, 21.9662
Hunter-Lab	44.9600, 21.7300, -18.8586

Details

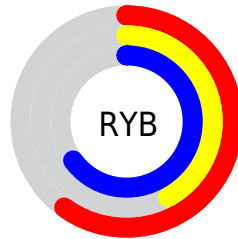
The RYB color **153, 108, 165** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **108, 165, 153**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **208, 160, 220**, and **101, 59, 113** is the 20% darker color. If you saturate the color by 10%, you get **150, 91, 165**, and if you desaturate by 10%, it is **156, 124, 165**.

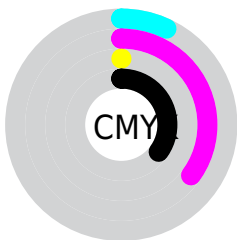
Distribution



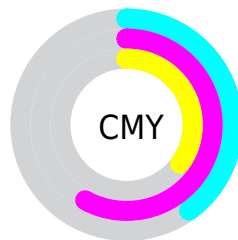
- Red (60%)
- Green (42%)
- Blue (65%)



- Red (60%)
- Yellow (42%)
- Blue (65%)



- Cyan (7%)
- Magenta (35%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 108, 165 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 153, 108, 165 by changing the saturation by 10% instead.

 153, 108, 165


255, 255, 255

 208, 160, 220


 237, 187, 249


 255, 215, 255

 255, 244, 255

 153, 108, 165

 127, 83, 139

 101, 59, 113

 76, 36, 88

 52, 14, 65

 32, 0, 43


 0, 1, 21

 0, 0, 0


 153, 108, 165


 150, 91, 165

 153, 108, 165

 156, 124, 165

 146, 75, 165


 160, 141, 165

 143, 58, 165

 163, 157, 165

 139, 42, 165


 165, 174, 172

 136, 25, 165

 165, 190, 185

 132, 9, 165

 165, 207, 198

 130, 0, 165

 165, 223, 211

 165, 240, 224

 165, 255, 236

Harmonies

Analogous

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



110, 119, 183



153, 108, 165



178, 99, 136

Triad

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



153, 108, 165



115, 153, 61



0, 71, 145

Complementary

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



153, 108, 165



108, 165, 153

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.



34, 95, 140



153, 108, 165



63, 129, 69

Square

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



153, 108, 165



175, 120, 77



82, 136, 132



0, 76, 172

Rectangle

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



153, 108, 165



184, 98, 115



82, 136, 132



0, 72, 141

Sweetspot

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



153, 108, 165



210, 193, 214



108, 118, 165



104, 94, 107



235, 235, 235



107, 107, 107

Same Dimension

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



153, 108, 165



196, 126, 214



165, 108, 149



80, 73, 82



115, 0, 145



14, 0, 18

Inverse Universe

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



165, 108, 120



214, 126, 145



108, 153, 165



82, 73, 75



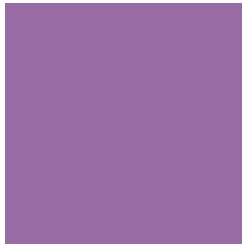
145, 0, 31



18, 0, 4

Previews

White Background



This preview shows how the RYB color 153, 108, 165 looks on a white background.

Color Contrast Check

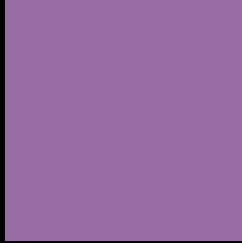
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 108, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

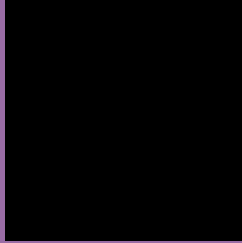
Any Text WCAG AA ✓ Pass

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 153, 108, 165 Background



This preview shows how black text looks on a background with the RYB color 153, 108, 165.

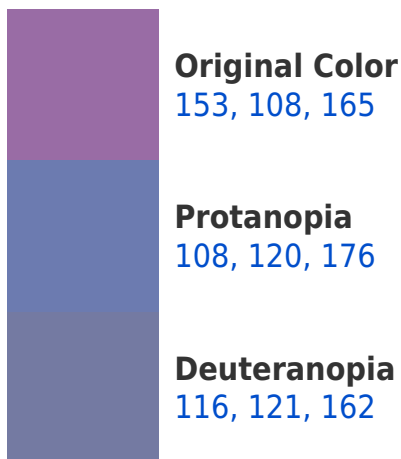


This preview shows how white text looks on a background with the RYB color 153, 108, 165.

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





Tritanopia
147, 116, 125

Trichromacy



Original Color
153, 108, 165

Protanomaly
124, 118, 172

Deuteranomaly
129, 117, 163

Tritanomaly
149, 113, 140

Monochromacy



Original Color
153, 108, 165

Achromatopsia
128, 128, 128

Achromatomaly
137, 121, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 108, 165 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(153, 108, 165)` looks like.

```
.text, #text, p{  
    color:rgb(153, 108, 165)  
}
```

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(153, 108, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 108, 165) }
```

Border

The CSS property to change the border of an element to RYB 153, 108, 165 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(153, 108, 165) }
```

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

```
.border{ border-color:rgb(153, 108, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 108, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 108, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 108, 165);  
box-shadow:4px 4px 4px 4px rgb(153, 108,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 153, 108, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 108, 165) }
```

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

```
.background{ background-color: rgb(153,  
108, 165) }
```

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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