

Converting Colors

`RYB(156, 98, 156)`

Have a look what the booklet for
RYB(156, 98, 156) contains.

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Color

`RYB(156, 98, 156)`

Conversions

Conversions Part 1

Format	Color
Hex	9C629C
RGB	156, 98, 156
RGB Percent	61%, 38%, 61%
CMY	0.3882, 0.6157, 0.3882
CMYK	0.00, 0.37, 0.00, 0.39
HSL	300°, 23%, 50%
HSV	300°, 37%, 61%
XYZ	24.0787, 18.2036, 33.6970
YIQ	121.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

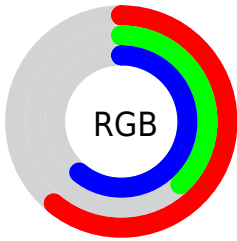
Format	Color
R_{YB}	156, 98, 156
Decimal	10248860
CIE _{Lab}	49.74, 33.00, -21.93
CIE _{LCh}	50, 39.627, 326.393
Yxy	18.2036, 0.3169, 0.2396
Android (android.graphics.Color)	4288438940 (0xFF9C629C)
YUV	121.9540, 16.7847, 29.8583
Hunter-Lab	42.6657, 26.0731, -16.9609

Details

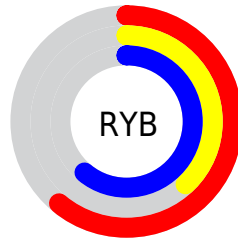
The RYB color **156, 98, 156** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98, 156, 156**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **212, 150, 211**, and **103, 49, 105** is the 20% darker color. If you saturate the color by 10%, you get **156, 82, 156**, and if you desaturate by 10%, it is **156, 114, 156**.

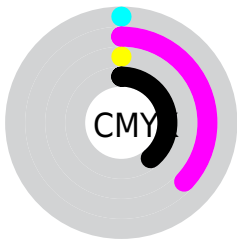
Distribution



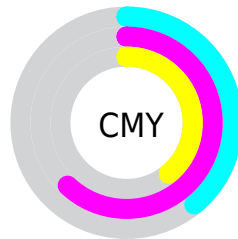
- Red (61%)
- Green (38%)
- Blue (61%)



- Red (61%)
- Yellow (38%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 98, 156 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 156, 98, 156 by changing the saturation by 10% instead.


 156, 98, 156


 156, 98, 156


255, 255, 255

 129, 73, 130

 212, 150, 211

 103, 49, 105

 240, 177, 239

 78, 25, 80

 255, 205, 255

 54, 1, 57

 255, 233, 255


 35, 0, 36

 0, 0, 10

 0, 0, 0

 156, 98, 156


 156, 98, 156


 156, 82, 156


 156, 114, 156

 156, 67, 156

 156, 129, 156

 156, 51, 156

 156, 145, 156

 156, 36, 156

 156, 160, 160

 156, 20, 156

 156, 176, 176

 156, 4, 156

 156, 192, 192

 156, 0, 156

 156, 207, 207

 156, 223, 223

 156, 238, 238

Harmonies

Analogous

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



114, 111, 179



156, 98, 156



178, 90, 124

Triad

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



156, 98, 156



87, 142, 49



0, 70, 147

Complementary

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



156, 98, 156



98, 156, 156

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.



0, 73, 135



156, 98, 156



55, 125, 72

Square

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



156, 98, 156



167, 128, 63



66, 120, 132



0, 75, 174

Rectangle

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



156, 98, 156



182, 90, 101



66, 120, 132



0, 68, 136

Sweetspot

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



156, 98, 156



204, 182, 204



98, 98, 156



102, 89, 102



230, 230, 230



102, 102, 102

Same Dimension

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



156, 98, 156



204, 112, 204



156, 98, 127



79, 71, 79



143, 0, 143



15, 0, 15

Inverse Universe

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



156, 98, 156



204, 112, 204



98, 137, 156



79, 71, 79



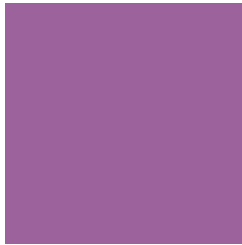
143, 0, 143



15, 0, 15

Previews

White Background



This preview shows how the RYB color 156, 98, 156 looks on a white background.

Color Contrast Check

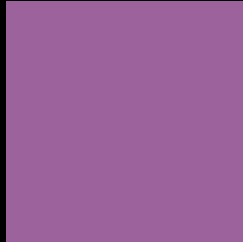
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 156, 98, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

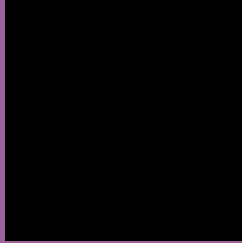
Any Text WCAG AA ✓ Pass

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 156, 98, 156 Background



This preview shows how black text looks on a background with the RYB color 156, 98, 156.

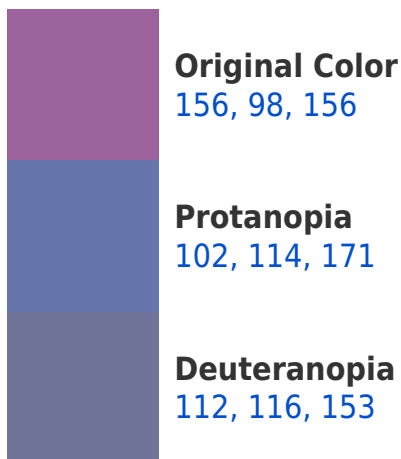


This preview shows how white text looks on a background with the RYB color 156, 98, 156.

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
151, 107, 115

Trichromacy



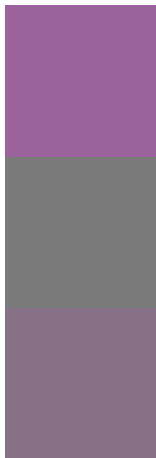
Original Color
156, 98, 156

Protanomaly
122, 110, 166

Deuteranomaly
128, 110, 154

Tritanomaly
153, 104, 130

Monochromacy



Original Color
156, 98, 156

Achromatopsia
122, 122, 122

Achromatomaly
134, 113, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 98, 156 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(156, 98, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 98, 156)  
}
```

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(156, 98, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 98, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 98, 156 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(156, 98, 156) }
```

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

```
.border{ border-color:rgb(156, 98, 156) }
```

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

Here you see how a box with a 4 pixel rgb(156, 98, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 98, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 98, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 98,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 156, 98, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 98, 156) }
```

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

```
.background{ background-color: rgb(156, 98,  
156) }
```

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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