

Converting Colors

RGB(153, 121, 197)

Have a look what the booklet for
RGB(153, 121, 197) contains.

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Color

RGB(153, 121, 197)

Conversions

Conversions Part 1

Format	Color
Hex	9979C5
RGB	153, 121, 197
RGB Percent	60%, 47%, 77%
CMY	0.4000, 0.5255, 0.2275
CMYK	0.22, 0.39, 0.00, 0.23
HSL	265°, 40%, 62%
HSV	265°, 39%, 77%
XYZ	30.0523, 24.4783, 55.9642
YIQ	139.2320, -5.3240, 30.4200

Conversions

Conversions Part 2

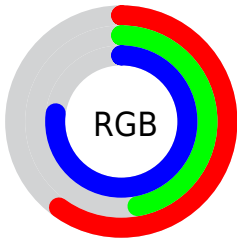
Format	Color
R_{YB}	153, 121, 197
Decimal	10058181
CIE _{Lab}	56.56, 27.86, -35.10
CIE _{LCh}	57, 44.808, 308.439
Yxy	24.4783, 0.2720, 0.2215
Android (android.graphics.Color)	4288248261 (0xFF9979C5)
YUV	139.2320, 28.4796, 12.0745
Hunter-Lab	49.4755, 21.8418, -32.4330

Details

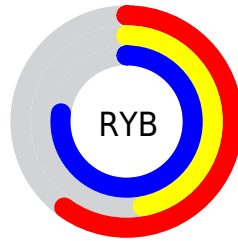
The RGB color **153, 121, 197** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **165, 197, 121**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **209, 174, 254**, and **100, 72, 143** is the 20% darker color. If you saturate the color by 10%, you get **142, 101, 197**, and if you desaturate by 10%, it is **164, 141, 197**.

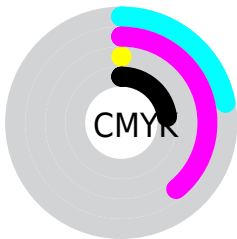
Distribution



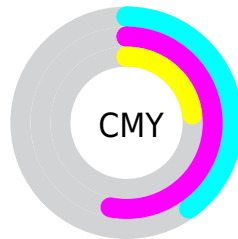
- Red (60%)
- Green (47%)
- Blue (77%)



- Red (60%)
- Yellow (47%)
- Blue (77%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 121, 197 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 RGB color 153, 121, 197 by changing the saturation by 10% instead.

 153, 121, 197

255, 255, 255


 209, 174, 254

 237, 201, 255

 255, 229, 255

 153, 121, 197

 126, 96, 170


 100, 72, 143

 75, 49, 117

 50, 27, 92

 25, 5, 68


 0, 0, 45


 0, 1, 23


 0, 0, 0

 153, 121, 197

 153, 121, 197

 142, 101, 197

 164, 141, 197

 130, 82, 197

 176, 160, 197

 119, 62, 197


 187, 180, 197

 107, 42, 197


 199, 200, 197

 96, 22, 197

 210, 220, 197

 85, 3, 197

 221, 239, 197

 83, 0, 197

 233, 255, 197

 244, 255, 197

 255, 255, 197

Harmonies

Analogous

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



87, 136, 213



153, 121, 197



192, 107, 165

Triad

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



153, 121, 197



181, 123, 62



0, 155, 146

Complementary

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



153, 121, 197



165, 197, 121

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.



46, 153, 106



153, 121, 197



148, 137, 55

Square

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



153, 121, 197



203, 109, 89



106, 147, 72



0, 154, 183

Rectangle

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



153, 121, 197



205, 102, 139



106, 147, 72



0, 155, 132

Sweetspot

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



153, 121, 197



237, 224, 255



121, 165, 197



117, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



153, 121, 197



187, 138, 255



191, 121, 197



94, 90, 99



69, 0, 163



15, 0, 36

Inverse Universe

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



197, 121, 165



255, 138, 206



127, 197, 121



99, 90, 95



163, 0, 94



36, 0, 21

Previews

White Background



This preview shows how the RGB color 153, 121, 197 looks on a white background.

Color Contrast Check

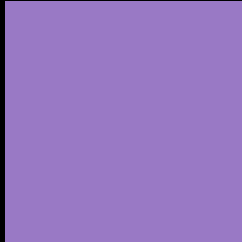
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 153, 121, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

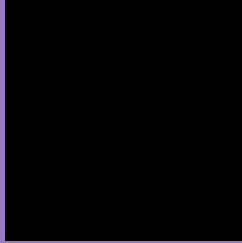
Any Text WCAG AA ✓ Pass

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](#).

RGB 153, 121, 197 Background



This preview shows how black text looks on a background with the RGB color 153, 121, 197.

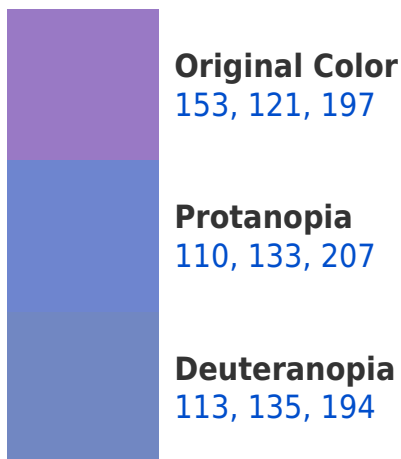


This preview shows how white text looks on a background with the RGB color 153, 121, 197.

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
143, 132, 143

Trichromacy



Original Color
153, 121, 197

Protanomaly
126, 129, 203

Deuteranomaly
128, 130, 195

Tritanomaly
147, 128, 163

Monochromacy



Original Color
153, 121, 197

Achromatopsia
139, 139, 139

Achromatomaly
144, 132, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 121, 197 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, 121, 197)` looks like.

```
.text, #text, p{  
    color:rgb(153, 121, 197)  
}
```

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, 121, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 121, 197) }
```

Border

The CSS property to change the border of an element to RGB 153, 121, 197 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, 121, 197) }
```

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

```
.border{ border-color:rgb(153, 121, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 121, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 121, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 121, 197);  
box-shadow:4px 4px 4px 4px rgb(153, 121,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 153, 121, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 121, 197) }
```

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

```
.background{ background-color: rgb(153,  
121, 197) }
```

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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