

Converting Colors

RGB(172, 121, 155)

Have a look what the booklet for
RGB(172, 121, 155) contains.

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Color

RGB(172, 121, 155)

Conversions

Conversions Part 1

Format	Color
Hex	AC799B
RGB	172, 121, 155
RGB Percent	67%, 47%, 61%
CMY	0.3255, 0.5255, 0.3922
CMYK	0.00, 0.30, 0.10, 0.33
HSL	320°, 24%, 57%
HSV	320°, 30%, 67%
XYZ	29.7670, 24.8120, 34.2306
YIQ	140.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

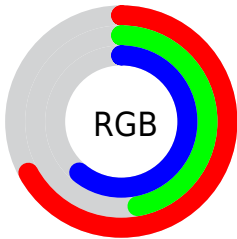
Format	Color
R_{YB}	172, 121, 155
Decimal	11303323
CIE _{Lab}	56.89, 25.36, -10.32
CIE _{LCh}	57, 27.379, 337.863
Yxy	24.8120, 0.3352, 0.2794
Android (android.graphics.Color)	4289493403 (0xFFAC799B)
YUV	140.1250, 7.3334, 27.9544
Hunter-Lab	49.8116, 19.4999, -5.8761

Details

The RGB color **172, 121, 155** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121, 172, 138**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **228, 174, 209**, and **119, 72, 104** is the 20% darker color. If you saturate the color by 10%, you get **172, 104, 149**, and if you desaturate by 10%, it is **172, 138, 161**.

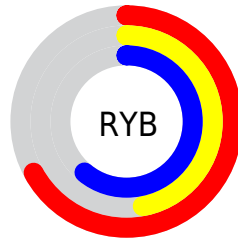
Distribution



Red (67%)

Green (47%)

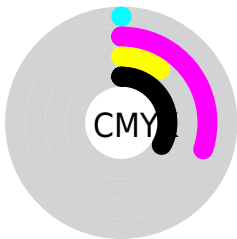
Blue (61%)



Red (67%)

Yellow (47%)

Blue (61%)

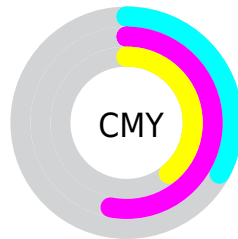


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (33%)



Cyan (33%)


Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 121, 155 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 172, 121, 155 by changing the saturation by 10% instead.


 172, 121, 155

255, 255, 255

 228, 174, 209


 255, 201, 238

 255, 230, 255

 172, 121, 155


 145, 96, 129

 119, 72, 104

 93, 48, 80

 69, 26, 57


 46, 3, 35


 21, 0, 12

 0, 0, 0

 172, 121, 155

 172, 104, 149

 172, 121, 155

 172, 138, 161

■ 172, 87, 144

■ 172, 155, 166

■ 172, 69, 138

■ 172, 173, 172

■ 172, 52, 132

■ 172, 190, 178

■ 172, 35, 126

■ 172, 207, 184

■ 172, 18, 121

■ 172, 224, 189

■ 172, 1, 115

■ 172, 241, 195

■ 172, 0, 115

■ 172, 255, 201

■ 172, 255, 207

Harmonies

Analogous

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



148, 128, 174



172, 121, 155



183, 118, 131

Triad

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



172, 121, 155



147, 137, 89



56, 148, 165

Complementary

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



172, 121, 155



121, 172, 138

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.



66, 150, 142



172, 121, 155



121, 144, 98

Square

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



172, 121, 155



168, 129, 93



92, 148, 118



78, 144, 180

Rectangle

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



172, 121, 155



183, 120, 115



92, 148, 118



56, 149, 158

Sweetspot

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



172, 121, 155



224, 204, 218



138, 121, 172



112, 100, 108



240, 240, 240



112, 112, 112

Same Dimension

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



172, 121, 155



224, 144, 197



172, 121, 130



87, 78, 84



150, 0, 100



23, 0, 15

Inverse Universe

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



172, 121, 155



224, 144, 197



121, 172, 163



87, 78, 84



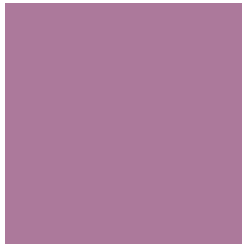
150, 0, 100



23, 0, 15

Previews

White Background



This preview shows how the RGB color 172, 121, 155 looks on a white background.

Color Contrast Check

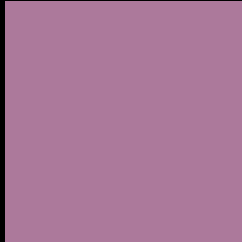
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 121, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

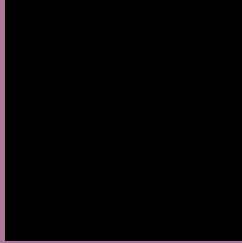
Any Text WCAG AA ✓ Pass

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 172, 121, 155 Background



This preview shows how black text looks on a background with the RGB color 172, 121, 155.



This preview shows how white text looks on a background with the RGB color 172, 121, 155.

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
172, 121, 155

Protanopia
131, 136, 165

Deuteranopia
143, 133, 153



Tritanopia
169, 125, 134

Trichromacy



Original Color
172, 121, 155

Protanomaly
146, 131, 161

Deuteranomaly
154, 129, 154

Tritanomaly
170, 124, 142

Monochromacy



Original Color
172, 121, 155

Achromatopsia
140, 140, 140

Achromatomaly
152, 133, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 121, 155 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(172, 121, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 155)  
}
```

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(172, 121, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 155) }
```

Border

The CSS property to change the border of an element to RGB 172, 121, 155 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(172, 121, 155) }
```

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

```
.border{ border-color:rgb(172, 121, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 172, 121, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 155) }
```

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

```
.background{ background-color: rgb(172,  
121, 155) }
```

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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