

Converting Colors

`RYB(188, 122, 161)`

Have a look what the booklet for
RYB(188, 122, 161) contains.

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Color

R_YB(188, 122, 161)

Conversions

Conversions Part 1

Format	Color
Hex	BC7AA1
RGB	188, 122, 161
RGB Percent	74%, 48%, 63%
CMY	0.2627, 0.5216, 0.3686
CMYK	0.00, 0.35, 0.14, 0.26
HSL	325°, 33%, 61%
HSV	325°, 35%, 74%
XYZ	34.1316, 27.1836, 37.1662
YIQ	146.1800, 26.8170, 26.1210

Conversions

Conversions Part 2

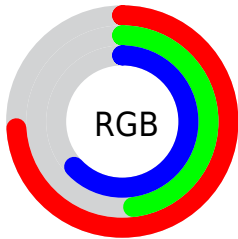
Format	Color
RYB	188, 122, 161
Decimal	12352161
CIELab	59.14, 31.50, -10.22
CIELCh	59, 33.112, 342.031
Yxy	27.1836, 0.3466, 0.2760
Android (android.graphics.Color)	4290542241 (0xFFBC7AA1)
YUV	146.1800, 7.3063, 36.6761
Hunter-Lab	52.1379, 25.6119, -5.7680

Details

The RYB color **188, 122, 161** is a light color, and the websafe version is hex **996699**. A complement of this color would be **122, 169, 188**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **245, 175, 216**, and **133, 72, 109** is the 20% darker color. If you saturate the color by 10%, you get **188, 103, 153**, and if you desaturate by 10%, it is **188, 141, 169**.

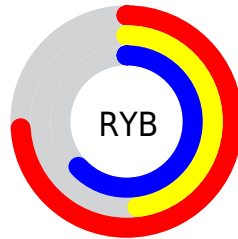
Distribution



Red (74%)

Green (48%)

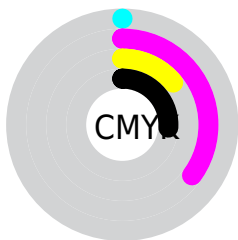
Blue (63%)



Red (74%)

Yellow (48%)

Blue (63%)

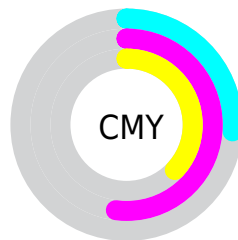


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 122, 161 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 188, 122, 161 by changing the saturation by 10% instead.

 188, 122, 161

255, 255, 255

 245, 175, 216

 255, 203, 244

 255, 231, 255

 188, 122, 161

 160, 96, 135

 133, 72, 109

 107, 48, 85

 82, 24, 62

 57, 0, 40

 38, 0, 20

 0, 0, 0

 188, 122, 161

 188, 103, 153

 188, 122, 161

 188, 141, 169


 188, 84, 146


 188, 160, 176

 188, 66, 138

 188, 178, 184

 188, 47, 130

 188, 194, 197

 188, 28, 123

 188, 208, 216

 188, 9, 115

 188, 221, 235

 188, 0, 111

 188, 235, 254

 188, 232, 255

 188, 229, 255

Harmonies

Analogous

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



161, 131, 186



188, 122, 161



199, 120, 132

Triad

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



188, 122, 161



92, 150, 85



17, 92, 180

Complementary

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



188, 122, 161



122, 169, 188

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.



39, 100, 158



188, 122, 161



98, 152, 132

Square

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



188, 122, 161



166, 177, 87



81, 130, 157



69, 119, 197

Rectangle

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



188, 122, 161



197, 124, 113



81, 130, 157



13, 89, 172

Sweetspot

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



188, 122, 161



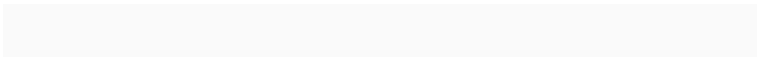
245, 218, 234



148, 122, 188



122, 106, 116



250, 250, 250



122, 122, 122

Same Dimension

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



188, 122, 161



245, 142, 203



188, 122, 129



94, 85, 90



158, 0, 93



31, 0, 18

Inverse Universe

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



188, 122, 161



245, 142, 203



122, 157, 188



94, 85, 90



158, 0, 93



31, 0, 18

Previews

White Background



This preview shows how the RYB color 188, 122, 161 looks on a white background.

Color Contrast Check

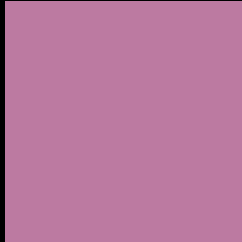
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 122, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

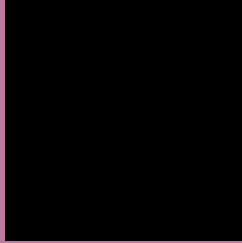
Any Text WCAG AA ✓ Pass

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 188, 122, 161 Background



This preview shows how black text looks on a background with the RYB color 188, 122, 161.



This preview shows how white text looks on a background with the RYB color 188, 122, 161.

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
188, 122, 161

Protanopia
135, 140, 174

Deuteranopia
150, 139, 158



Tritanopia
185, 127, 136

Trichromacy



Original Color

188, 122, 161



Protanomaly

154, 134, 169



Deuteranomaly

164, 133, 159



Tritanomaly

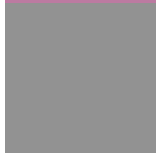
186, 125, 145

Monochromacy



Original Color

188, 122, 161



Achromatopsia

146, 146, 146



Achromatomaly

161, 137, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 122, 161 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(188, 122, 161) looks like.

```
.text, #text, p{  
    color:rgb(188, 122, 161)  
}
```

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(188, 122, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 122, 161) }
```

Border

The CSS property to change the border of an element to RYB 188, 122, 161 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(188, 122, 161) }
```

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

```
.border{ border-color:rgb(188, 122, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 122, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 122, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 122, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 122,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 188, 122, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 122, 161) }
```

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

```
.background{ background-color: rgb(188,  
122, 161) }
```

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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