

Converting Colors

`RYB(178, 122, 190)`

Have a look what the booklet for
RYB(178, 122, 190) contains.

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Color

R_YB(178, 122, 190)

Conversions

Conversions Part 1

Format	Color
Hex	B27ABE
RGB	178, 122, 190
RGB Percent	70%, 48%, 75%
CMY	0.3020, 0.5216, 0.2549
CMYK	0.06, 0.36, 0.00, 0.25
HSL	289°, 34%, 61%
HSV	289°, 36%, 75%
XYZ	34.6139, 27.1018, 52.1220
YIQ	146.4960, 11.5480, 33.0200

Conversions

Conversions Part 2

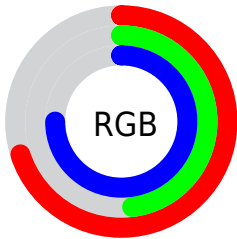
Format	Color
R _Y B	178, 122, 190
Decimal	11696830
CIE Lab	59.07, 33.49, -27.02
CIE LCh	59, 43.033, 321.097
Yxy	27.1018, 0.3041, 0.2381
Android (android.graphics.Color)	4289886910 (0xFFB27ABE)
YUV	146.4960, 21.4475, 27.6290
Hunter-Lab	52.0593, 27.5796, -22.9198

Details

The RYB color **178, 122, 190** is a light color, and the websafe version is hex **996699**. A complement of this color would be **122, 190, 178**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **235, 175, 247**, and **124, 72, 136** is the 20% darker color. If you saturate the color by 10%, you get **175, 103, 190**, and if you desaturate by 10%, it is **181, 141, 190**.

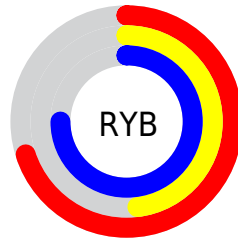
Distribution



Red (70%)

Green (48%)

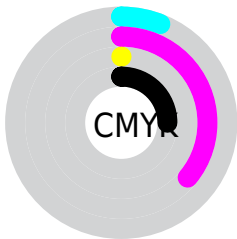
Blue (75%)



Red (70%)

Yellow (48%)

Blue (75%)

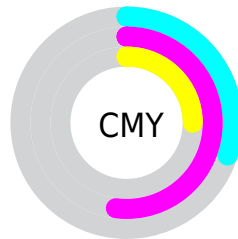


Cyan (6%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (52%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 122, 190 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 178, 122, 190 by changing the saturation by 10% instead.

 178, 122, 190


255, 255, 255

 235, 175, 247

 255, 203, 255

 255, 231, 255

 178, 122, 190

 151, 97, 163


 124, 72, 136

 98, 48, 111

 73, 24, 86

 49, 0, 63

 30, 0, 41


 0, 1, 18


 0, 0, 0

 178, 122, 190


 178, 122, 190

 175, 103, 190

 181, 141, 190


 171, 84, 190


 185, 160, 190

 168, 65, 190

 188, 179, 190

 165, 46, 190

 190, 198, 197

 161, 27, 190

 190, 217, 212

 158, 8, 190

 190, 236, 228

 156, 0, 190

 190, 255, 244

 190, 255, 240

 190, 255, 237

Harmonies

Analogous

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



127, 136, 213



178, 122, 190



207, 112, 155

Triad

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



178, 122, 190



127, 175, 66



0, 82, 168

Complementary

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



178, 122, 190



122, 190, 178

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.



15, 97, 161



178, 122, 190



69, 148, 79

Square

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



178, 122, 190



201, 139, 85



93, 156, 155



0, 88, 200

Rectangle

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



178, 122, 190



213, 111, 129



93, 156, 155



0, 83, 162

Sweetspot

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



178, 122, 190



243, 220, 247



122, 132, 190



122, 109, 125



252, 252, 252



125, 125, 125

Same Dimension

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



178, 122, 190



229, 141, 247



190, 122, 168



93, 85, 94



130, 0, 158



25, 0, 31

Inverse Universe

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



190, 122, 134



247, 141, 160



122, 173, 190



94, 85, 87



158, 0, 28



31, 0, 5

Previews

White Background



This preview shows how the RYB color 178, 122, 190 looks on a white background.

Color Contrast Check

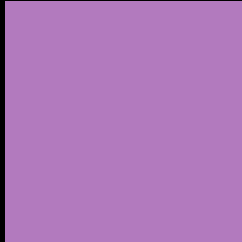
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 122, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

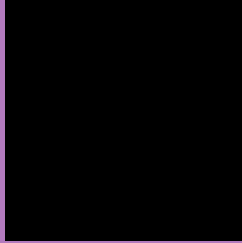
Any Text WCAG AA ✓ Pass

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 178, 122, 190 Background



This preview shows how black text looks on a background with the RYB color 178, 122, 190.

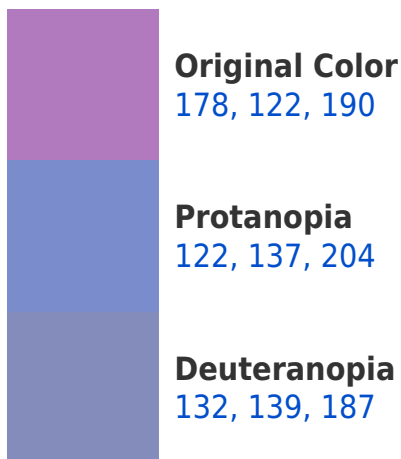


This preview shows how white text looks on a background with the RYB color 178, 122, 190.

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
171, 132, 142

Trichromacy



Original Color
178, 122, 190

Protanomaly
142, 133, 199

Deuteranomaly
149, 133, 188

Tritanomaly
174, 128, 159

Monochromacy



Original Color
178, 122, 190

Achromatopsia
146, 146, 146

Achromatomaly
158, 137, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 122, 190 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(178, 122, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 122, 190)  
}
```

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(178, 122, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 122, 190) }
```

Border

The CSS property to change the border of an element to RYB 178, 122, 190 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(178, 122, 190) }
```

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

```
.border{ border-color:rgb(178, 122, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 122, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 122, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 122, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 122,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 178, 122, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 122, 190) }
```

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

```
.background{ background-color: rgb(178,  
122, 190) }
```

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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