

Converting Colors

`RYB(176, 124, 196)`

Have a look what the booklet for
RYB(176, 124, 196) contains.

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Color

R_YB(176, 124, 196)

Conversions

Conversions Part 1

Format	Color
Hex	B07CC4
RGB	176, 124, 196
RGB Percent	69%, 49%, 77%
CMY	0.3098, 0.5137, 0.2314
CMYK	0.10, 0.37, 0.00, 0.23
HSL	283°, 38%, 63%
HSV	283°, 37%, 77%
XYZ	35.0760, 27.6309, 55.7092
YIQ	147.7560, 7.8800, 33.4160

Conversions

Conversions Part 2

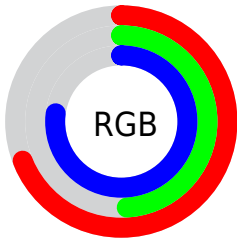
Format	Color
R _Y B	176, 124, 196
Decimal	11566276
CIE Lab	59.55, 32.98, -29.70
CIE LCh	60, 44.379, 317.996
Yxy	27.6309, 0.2962, 0.2333
Android (android.graphics.Color)	4289756356 (0xFFB07CC4)
YUV	147.7560, 23.7843, 24.7700
Hunter-Lab	52.5651, 27.1215, -26.0407

Details

The RYB color **176, 124, 196** is a light color, and the websafe version is hex **996699**. A complement of this color would be **124, 196, 176**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **233, 177, 253**, and **122, 74, 142** is the 20% darker color. If you saturate the color by 10%, you get **171, 104, 196**, and if you desaturate by 10%, it is **181, 144, 196**.

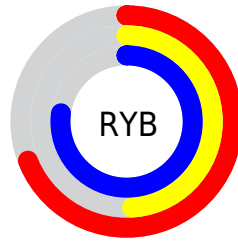
Distribution



Red (69%)

Green (49%)

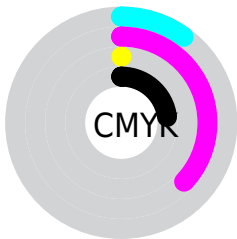
Blue (77%)



Red (69%)

Yellow (49%)

Blue (77%)

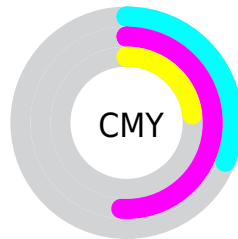


Cyan (10%)

Magenta (37%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (51%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 124, 196 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 176, 124, 196 by changing the saturation by 10% instead.

 176, 124, 196

255, 255, 255

 233, 177, 253

 255, 205, 255


 255, 233, 255

 176, 124, 196

 149, 99, 169


 122, 74, 142

 96, 50, 116

 71, 27, 91

 47, 2, 67


 29, 0, 45


 0, 1, 23

 0, 0, 0


 176, 124, 196


 176, 124, 196

 171, 104, 196

 181, 144, 196

 165, 85, 196

 187, 163, 196

 160, 65, 196

 192, 183, 196

 154, 46, 196

 196, 202, 200

 149, 26, 196

 196, 222, 215

 143, 6, 196

 196, 242, 229

 142, 0, 196

 196, 255, 237

 196, 255, 231

 196, 255, 226

Harmonies

Analogous

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



121, 136, 218



176, 124, 196



208, 112, 161

Triad

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



176, 124, 196



138, 180, 66



0, 82, 166

Complementary

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



176, 124, 196



124, 196, 176

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.



24, 103, 162



176, 124, 196



66, 149, 71

Square

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



176, 124, 196



206, 135, 87



89, 157, 147



0, 89, 200

Rectangle

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



176, 124, 196



216, 110, 134



89, 157, 147



0, 84, 163

Sweetspot

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



176, 124, 196



247, 227, 255



124, 140, 196



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



176, 124, 196



224, 143, 255



196, 124, 180



94, 87, 97



116, 0, 161



24, 0, 33

Inverse Universe

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



196, 124, 144



255, 143, 174



124, 183, 196



97, 87, 90



161, 0, 45



33, 0, 9

Previews

White Background



This preview shows how the RYB color 176, 124, 196 looks on a white background.

Color Contrast Check

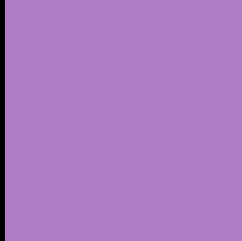
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 124, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

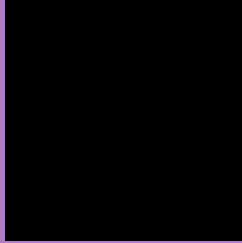
Any Text WCAG AA ✓ Pass

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 176, 124, 196 Background



This preview shows how black text looks on a background with the RYB color 176, 124, 196.

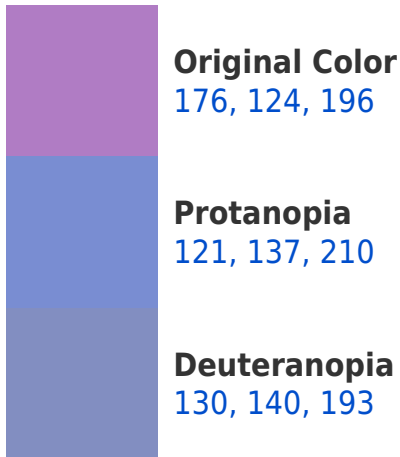



This preview shows how white text looks on a background with the RYB color 176, 124, 196.

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
168, 135, 145

Trichromacy



Original Color
176, 124, 196

Protanomaly
141, 135, 205

Deuteranomaly
147, 135, 194

Tritanomaly
171, 131, 164

Monochromacy



Original Color
176, 124, 196

Achromatopsia
148, 148, 148

Achromatomaly
158, 139, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 124, 196 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(176, 124, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 124, 196)  
}
```

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(176, 124, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 124, 196) }
```

Border

The CSS property to change the border of an element to RYB 176, 124, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

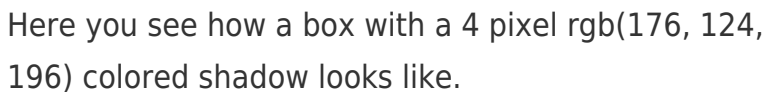
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 124, 196) }
```

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

```
.border{ border-color:rgb(176, 124, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 124, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 124, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 124, 196); box-shadow:4px 4px 4px 4px rgb(176, 124, 196) }
```

Background

The CSS property to change the background color of an element to RYB 176, 124, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 124, 196) }
```

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

```
.background{ background-color: rgb(176,  
124, 196) }
```

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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