

Converting Colors

`RYB(152, 124, 165)`

Have a look what the booklet for
RYB(152, 124, 165) contains.

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Color

R_YB(152, 124, 165)

Conversions

Conversions Part 1

Format	Color
Hex	987CA5
RGB	152, 124, 165
RGB Percent	60%, 49%, 65%
CMY	0.4039, 0.5137, 0.3529
CMYK	0.08, 0.25, 0.00, 0.35
HSL	281°, 19%, 57%
HSV	281°, 25%, 65%
XYZ	26.9481, 23.8073, 38.7723
YIQ	137.0460, 3.5270, 18.6870

Conversions

Conversions Part 2

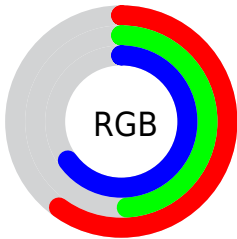
Format	Color
R_{YB}	152, 124, 165
Decimal	9993381
CIE _{Lab}	55.89, 18.58, -17.80
CIE _{LCh}	56, 25.735, 316.229
Yxy	23.8073, 0.3010, 0.2659
Android (android.graphics.Color)	4288183461 (0xFF987CA5)
YUV	137.0460, 13.7813, 13.1147
Hunter-Lab	48.7927, 13.1977, -12.9588

Details

The RYB color **152, 124, 165** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124, 165, 152**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **207, 177, 220**, and **101, 75, 113** is the 20% darker color. If you saturate the color by 10%, you get **147, 107, 165**, and if you desaturate by 10%, it is **157, 140, 165**.

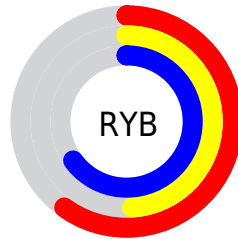
Distribution



Red (60%)

Green (49%)

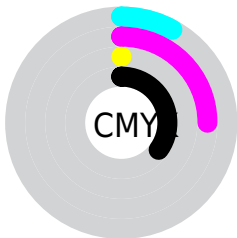
Blue (65%)



Red (60%)

Yellow (49%)

Blue (65%)

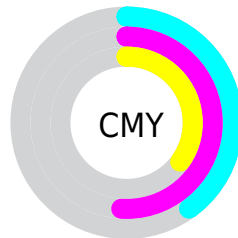


Cyan (8%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 124, 165 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 152, 124, 165 by changing the saturation by 10% instead.


 152, 124, 165

255, 255, 255


 207, 177, 220


 235, 204, 249


 255, 232, 255

 152, 124, 165

 126, 99, 139

 101, 75, 113

 76, 52, 88

 53, 30, 65

 31, 9, 43


 0, 0, 22

 0, 0, 0

 152, 124, 165


 147, 107, 165

 152, 124, 165


 157, 140, 165

 142, 91, 165

 162, 157, 165

 136, 74, 165


 165, 173, 170

 131, 58, 165


 165, 190, 182

 126, 42, 165

 165, 206, 193

 121, 25, 165

 165, 223, 205

 115, 8, 165

 165, 239, 215

 113, 0, 165

 165, 255, 226

 165, 255, 221

Harmonies

Analogous

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



123, 131, 177



152, 124, 165



172, 118, 145

Triad

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



152, 124, 165



145, 159, 91



65, 106, 146

Complementary

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



152, 124, 165



124, 165, 152

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.



86, 123, 146



152, 124, 165



92, 137, 91

Square

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



152, 124, 165



174, 129, 103



102, 142, 132



64, 109, 165

Rectangle

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



152, 124, 165



178, 117, 130



102, 142, 132



70, 110, 146

Sweetspot

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



152, 124, 165



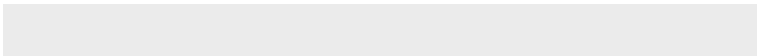
209, 199, 214



124, 134, 165



104, 99, 107



235, 235, 235



107, 107, 107

Same Dimension

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



152, 124, 165



194, 150, 214



165, 124, 158



79, 73, 82



99, 0, 145



12, 0, 18

Inverse Universe

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



165, 124, 137



214, 150, 170



124, 159, 165



82, 73, 76



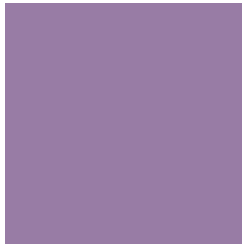
145, 0, 46



18, 0, 6

Previews

White Background



This preview shows how the RYB color 152, 124, 165 looks on a white background.

Color Contrast Check

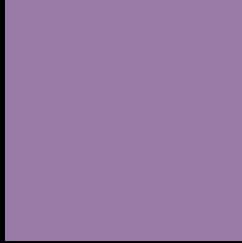
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 124, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

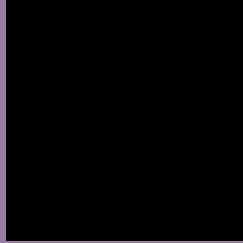
Any Text WCAG AA ✓ Pass

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 152, 124, 165 Background



This preview shows how black text looks on a background with the RYB color 152, 124, 165.



This preview shows how white text looks on a background with the RYB color 152, 124, 165.

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
152, 124, 165

Protanopia
124, 132, 171

Deuteranopia
132, 131, 164



Tritanopia
148, 129, 139

Trichromacy



Original Color
152, 124, 165

Protanomaly
134, 130, 169

Deuteranomaly
139, 128, 164

Tritanomaly
149, 127, 148

Monochromacy



Original Color
152, 124, 165

Achromatopsia
137, 137, 137

Achromatomaly
142, 132, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 124, 165 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(152, 124, 165) looks like.

```
.text, #text, p{  
    color:rgb(152, 124, 165)  
}
```

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(152, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 124, 165) }
```

Border

The CSS property to change the border of an element to RYB 152, 124, 165 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(152, 124, 165) }
```

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

```
.border{ border-color:rgb(152, 124, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 124, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 124, 165);  
box-shadow:4px 4px 4px 4px rgb(152, 124,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 152, 124, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 124, 165) }
```

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

```
.background{ background-color: rgb(152,  
124, 165) }
```

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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