

Converting Colors

`RYB(152, 78, 124)`

Have a look what the booklet for
RYB(152, 78, 124) contains.

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Color

`RYB(152, 78, 124)`

Conversions

Conversions Part 1

Format	Color
Hex	984E7C
RGB	152, 78, 124
RGB Percent	60%, 31%, 49%
CMY	0.4039, 0.6941, 0.5137
CMYK	0.00, 0.49, 0.18, 0.40
HSL	323°, 32%, 45%
HSV	323°, 49%, 60%
XYZ	19.3114, 13.5794, 20.6720
YIQ	105.3700, 29.3380, 29.9940

Conversions

Conversions Part 2

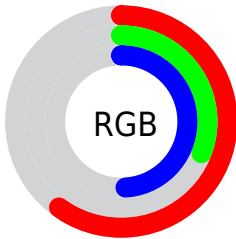
Format	Color
RYB	152, 78, 124
Decimal	9981564
CIELab	43.62, 36.94, -12.15
CIELCh	44, 38.890, 341.796
Yxy	13.5794, 0.3605, 0.2535
Android (android.graphics.Color)	4288171644 (0xFF984E7C)
YUV	105.3700, 9.1846, 40.8945
Hunter-Lab	36.8503, 29.0550, -7.4650

Details

The RYB color **152, 78, 124** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **78, 132, 152**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **208, 129, 177**, and **99, 28, 75** is the 20% darker color. If you saturate the color by 10%, you get **152, 63, 118**, and if you desaturate by 10%, it is **152, 93, 130**.

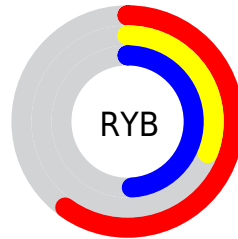
Distribution



Red (60%)

Green (31%)

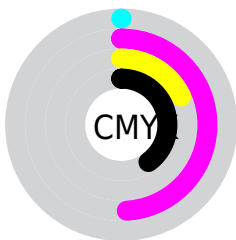
Blue (49%)



Red (60%)

Yellow (31%)

Blue (49%)

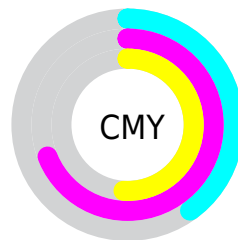


Cyan (0%)

Magenta (49%)

Yellow (18%)

Black (40%)



Cyan (40%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 78, 124 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, 78, 124 by changing the saturation by 10% instead.



152, 78, 124



152, 78, 124

255, 255, 255



125, 53, 99



208, 129, 177



99, 28, 75



237, 156, 204



73, 0, 52



255, 183, 232



50, 0, 31



255, 212, 255



20, 0, 3



255, 240, 255



0, 0, 0



152, 78, 124



152, 78, 124



152, 63, 118



152, 93, 130



152, 48, 112




152, 108, 136


 152, 32, 107

 152, 124, 141


 152, 17, 101


 152, 139, 147


 152, 2, 95

 152, 153, 154

 152, 0, 94

 152, 164, 169

 152, 175, 184

 152, 187, 200

 152, 198, 215

Harmonies

Analogous

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



122, 89, 151



152, 78, 124



163, 75, 92

Triad

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



152, 78, 124



40, 109, 36



0, 65, 145

Complementary

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



152, 78, 124



78, 132, 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.



0, 61, 119



152, 78, 124



53, 113, 92

Square

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



152, 78, 124



120, 138, 40



11, 75, 118



0, 67, 164

Rectangle

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



152, 78, 124



161, 80, 71



11, 75, 118



0, 63, 136

Sweetspot

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



152, 78, 124



196, 167, 185



105, 78, 152



99, 82, 93



227, 227, 227



99, 99, 99

Same Dimension

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



152, 78, 124



196, 82, 153



152, 78, 88



77, 69, 74



140, 0, 87



13, 0, 8

Inverse Universe

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



152, 78, 124



196, 82, 153



78, 118, 152



77, 69, 74



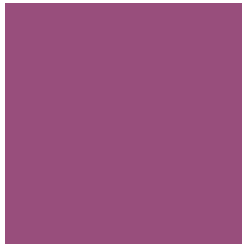
140, 0, 87



13, 0, 8

Previews

White Background



This preview shows how the RYB color 152, 78, 124 looks on a white background.

Color Contrast Check

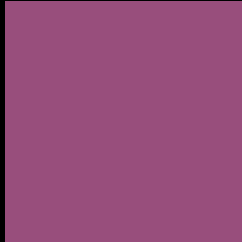
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 152, 78, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

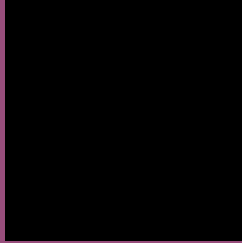
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 152, 78, 124 Background



This preview shows how black text looks on a background with the RYB color 152, 78, 124.



This preview shows how white text looks on a background with the RYB color 152, 78, 124.

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, 78, 124

Protanopia

92, 100, 141

Deuteranopia

106, 101, 120



Tritanopia
149, 85, 91

Trichromacy



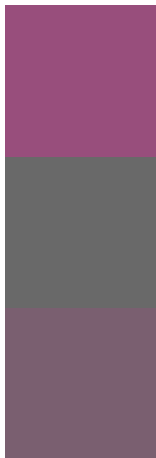
Original Color
152, 78, 124

Protanomaly
114, 93, 135

Deuteranomaly
123, 93, 121

Tritanomaly
150, 82, 103

Monochromacy



Original Color
152, 78, 124

Achromatopsia
105, 105, 105

Achromatomaly
122, 95, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 78, 124 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, 78, 124)` looks like.

```
.text, #text, p{  
    color:rgb(152, 78, 124)  
}
```

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, 78, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 78, 124) }
```

Border

The CSS property to change the border of an element to RYB 152, 78, 124 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, 78, 124) }
```

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

```
.border{ border-color:rgb(152, 78, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 78, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 78, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 78, 124);  
box-shadow:4px 4px 4px 4px rgb(152, 78,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 152, 78, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 78, 124) }
```

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

```
.background{ background-color: rgb(152, 78,  
124) }
```

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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