

Converting Colors

`RYB(152, 76, 136)`

Have a look what the booklet for
RYB(152, 76, 136) contains.

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Color

R_YB(152, 76, 136)

Conversions

Conversions Part 1

Format	Color
Hex	984C88
RGB	152, 76, 136
RGB Percent	60%, 30%, 53%
CMY	0.4039, 0.7020, 0.4667
CMYK	0.00, 0.50, 0.11, 0.40
HSL	313°, 33%, 45%
HSV	313°, 50%, 60%
XYZ	19.9773, 13.6219, 24.8689
YIQ	105.5640, 26.0360, 34.7720

Conversions

Conversions Part 2

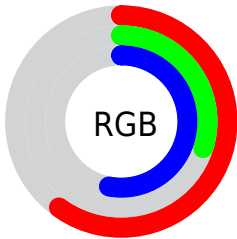
Format	Color
R_{YB}	152, 76, 136
Decimal	9981064
CIE _{Lab}	43.69, 40.02, -19.35
CIE _{LCh}	44, 44.448, 334.197
Yxy	13.6219, 0.3417, 0.2330
Android (android.graphics.Color)	4288171144 (0xFF984C88)
YUV	105.5640, 15.0049, 40.7244
Hunter-Lab	36.9078, 32.0289, -14.1148

Details

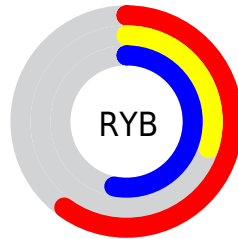
The RYB color **152, 76, 136** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76, 139, 152**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **208, 128, 189**, and **99, 25, 86** is the 20% darker color. If you saturate the color by 10%, you get **152, 61, 133**, and if you desaturate by 10%, it is **152, 91, 139**.

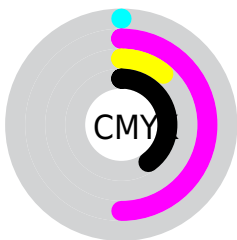
Distribution



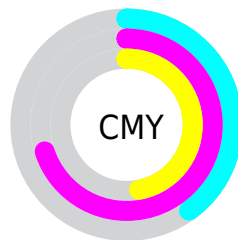
- Red (60%)
- Green (30%)
- Blue (53%)



- Red (60%)
- Yellow (30%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (40%)




- Cyan (40%)
- Magenta (70%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 76, 136 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, 76, 136 by changing the saturation by 10% instead.

 152, 76, 136

 152, 76, 136

255, 255, 255

 125, 51, 111

 208, 128, 189

 99, 25, 86

 237, 154, 217

 73, 0, 63

 255, 182, 246

 50, 0, 41

 255, 210, 255

 20, 0, 19

 255, 239, 255

 0, 0, 0


 152, 76, 136

 152, 76, 136


 152, 61, 133


 152, 91, 139


 152, 46, 130

 152, 106, 142


 152, 30, 126


 152, 122, 146


 152, 15, 123


 152, 137, 149

 152, 0, 120

 152, 152, 152

 152, 165, 167

 152, 177, 182

 152, 190, 198

 152, 202, 213

Harmonies

Analogous

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



111, 91, 164



152, 76, 136



170, 69, 100

Triad

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



152, 76, 136



40, 118, 22



0, 65, 144

Complementary

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



152, 76, 136



76, 139, 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, 64, 121



152, 76, 136



38, 113, 71

Square

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



152, 76, 136



148, 138, 35



12, 81, 119



0, 68, 169

Rectangle

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



152, 76, 136



170, 72, 75



12, 81, 119



0, 63, 132

Sweetspot

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



152, 76, 136



196, 167, 190



91, 76, 152



99, 82, 96



227, 227, 227



99, 99, 99

Same Dimension

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



152, 76, 136



196, 79, 172



152, 76, 99



77, 69, 75



140, 0, 111



13, 0, 10

Inverse Universe

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



152, 76, 136



196, 79, 172



76, 121, 152



77, 69, 75



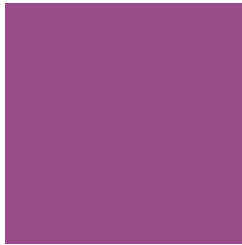
140, 0, 111



13, 0, 10

Previews

White Background



This preview shows how the RYB color 152, 76, 136 looks on a white background.

Color Contrast Check

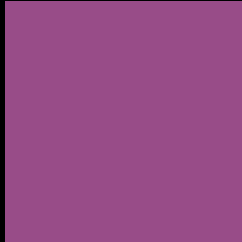
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

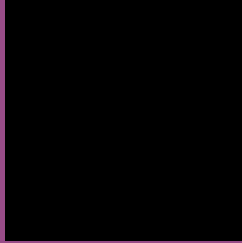
Any Text WCAG AA × Fail

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, 76, 136 Background



This preview shows how black text looks on a background with the RYB color 152, 76, 136.

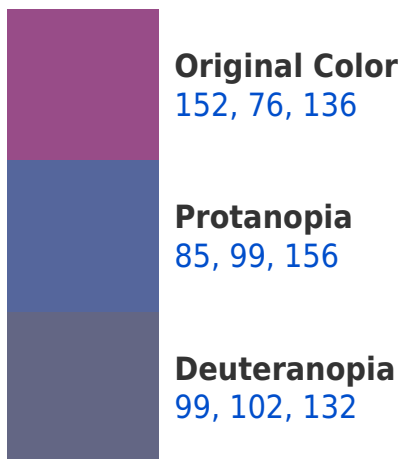


This preview shows how white text looks on a background with the RYB color 152, 76, 136.

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
147, 86, 92

Trichromacy



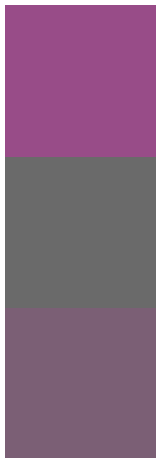
Original Color
152, 76, 136

Protanomaly
109, 93, 149

Deuteranomaly
118, 93, 133

Tritanomaly
149, 82, 108

Monochromacy



Original Color
152, 76, 136

Achromatopsia
106, 106, 106

Achromatomaly
123, 95, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 76, 136 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, 76, 136)` looks like.

```
.text, #text, p{  
    color:rgb(152, 76, 136)  
}
```

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, 76, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 76, 136) }
```

Border

The CSS property to change the border of an element to RYB 152, 76, 136 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, 76, 136) }
```

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

```
.border{ border-color:rgb(152, 76, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 76, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 76, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 76, 136);  
box-shadow:4px 4px 4px 4px rgb(152, 76,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 152, 76, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 76, 136) }
```

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

```
.background{ background-color: rgb(152, 76,  
136) }
```

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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