

Converting Colors

`RYB(149, 116, 153)`

Have a look what the booklet for
RYB(149, 116, 153) contains.

RYB(149, 116, 153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(149, 116, 153)

Conversions

Conversions Part 1

Format	Color
Hex	957499
RGB	149, 116, 153
RGB Percent	58%, 45%, 60%
CMY	0.4157, 0.5451, 0.4000
CMYK	0.03, 0.24, 0.00, 0.40
HSL	294°, 15%, 53%
HSV	294°, 24%, 60%
XYZ	24.3896, 21.1803, 32.9397
YIQ	130.0850, 7.7910, 18.5030

Conversions

Conversions Part 2

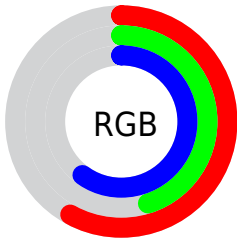
Format	Color
R_{YB}	149, 116, 153
Decimal	9794713
CIE _{Lab}	53.15, 19.69, -15.04
CIE _{LCh}	53, 24.776, 322.615
Yxy	21.1803, 0.3107, 0.2698
Android (android.graphics.Color)	4287984793 (0xFF957499)
YUV	130.0850, 11.2971, 16.5885
Hunter-Lab	46.0220, 14.0584, -10.2207

Details

The RYB color **149, 116, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116, 153, 149**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **203, 168, 207**, and **98, 67, 102** is the 20% darker color. If you saturate the color by 10%, you get **147, 101, 153**, and if you desaturate by 10%, it is **151, 131, 153**.

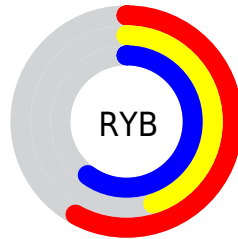
Distribution



Red (58%)

Green (45%)

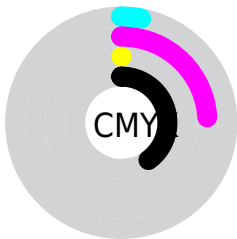
Blue (60%)



Red (58%)

Yellow (45%)

Blue (60%)

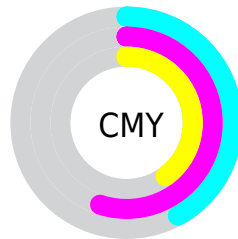


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (55%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 149, 116, 153 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 149, 116, 153 by changing the saturation by 10% instead.

 149, 116, 153

255, 255, 255


 203, 168, 207

 232, 196, 236

 255, 224, 255

 255, 252, 255

 149, 116, 153

 147, 101, 153


 149, 116, 153

 123, 91, 127

 98, 67, 102

 74, 45, 78


 50, 23, 55

 31, 0, 34

 0, 0, 8

 0, 0, 0

 149, 116, 153

 151, 131, 153

146, 85, 153

152, 147, 153

144, 70, 153

153, 162, 161

142, 55, 153

153, 177, 174

141, 39, 153

153, 193, 189

139, 24, 153

153, 208, 202

137, 9, 153

153, 223, 215

136, 0, 153

153, 238, 229

153, 254, 243

Harmonies

Analogous

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



123, 123, 166



149, 116, 153



165, 111, 133

Triad

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



149, 116, 153



122, 147, 85



59, 100, 143

Complementary

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



149, 116, 153



116, 153, 149

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.



76, 112, 138



149, 116, 153



87, 131, 93

Square

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



149, 116, 153



162, 129, 94



100, 136, 135



64, 105, 160

Rectangle

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



149, 116, 153



169, 111, 119



100, 136, 135



63, 102, 139

Sweetspot

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



149, 116, 153



197, 185, 199



116, 120, 153



99, 91, 99



227, 227, 227



99, 99, 99

Same Dimension

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



149, 116, 153



193, 141, 199



153, 116, 139



76, 69, 77



125, 0, 140



11, 0, 13

Inverse Universe

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



153, 116, 120



199, 141, 147



116, 143, 153



77, 69, 70



140, 0, 15



13, 0, 1

Previews

White Background



This preview shows how the RYB color 149, 116, 153 looks on a white background.

Color Contrast Check

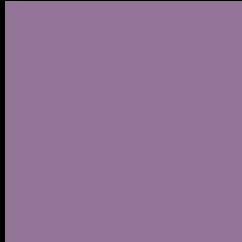
Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 116, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

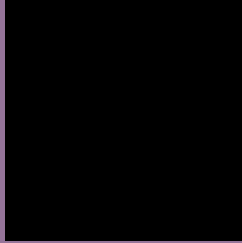
Any Text WCAG AA ✓ Pass

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 149, 116, 153 Background



This preview shows how black text looks on a background with the RYB color 149, 116, 153.



This preview shows how white text looks on a background with the RYB color 149, 116, 153.

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

[149](#), [116](#), [153](#)

Protanopia

[119](#), [125](#), [160](#)

Deuteranopia

[128](#), [124](#), [151](#)



Tritanopia
146, 120, 130

Trichromacy



Original Color
149, 116, 153

Protanomaly
130, 122, 157

Deuteranomaly
136, 121, 152

Tritanomaly
147, 119, 138

Monochromacy



Original Color
149, 116, 153

Achromatopsia
130, 130, 130

Achromatomaly
137, 125, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 116, 153 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(149, 116, 153) looks like.

```
.text, #text, p{  
    color:rgb(149, 116, 153)  
}
```

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(149, 116, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 116, 153) }
```

Border

The CSS property to change the border of an element to RYB 149, 116, 153 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(149, 116, 153) }
```

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

```
.border{ border-color:rgb(149, 116, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 116, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 116, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 116, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 116,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 149, 116, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 116, 153) }
```

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

```
.background{ background-color: rgb(149,  
116, 153) }
```

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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