

Converting Colors

`RYB(148, 117, 165)`

Have a look what the booklet for
RYB(148, 117, 165) contains.

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Color

R_YB(148, 117, 165)

Conversions

Conversions Part 1

Format	Color
Hex	9475A5
RGB	148, 117, 165
RGB Percent	58%, 46%, 65%
CMY	0.4196, 0.5412, 0.3529
CMYK	0.10, 0.29, 0.00, 0.35
HSL	279°, 21%, 55%
HSV	279°, 29%, 65%
XYZ	25.3656, 21.7351, 38.4557
YIQ	131.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

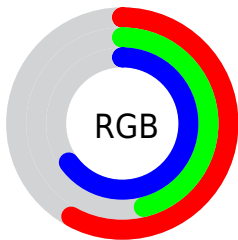
Format	Color
R _Y B	148, 117, 165
Decimal	9729445
CIE Lab	53.74, 21.29, -21.12
CIE LCh	54, 29.990, 315.225
Yxy	21.7351, 0.2965, 0.2540
Android (android.graphics.Color)	4287919525 (0xFF9475A5)
YUV	131.7410, 16.3967, 14.2591
Hunter-Lab	46.6209, 15.5319, -16.2713

Details

The RYB color **148, 117, 165** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117, 165, 148**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **203, 169, 220**, and **97, 68, 113** is the 20% darker color. If you saturate the color by 10%, you get **142, 101, 165**, and if you desaturate by 10%, it is **154, 133, 165**.

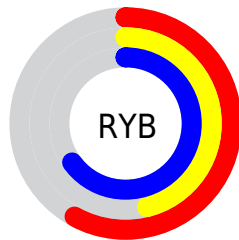
Distribution



Red (58%)

Green (46%)

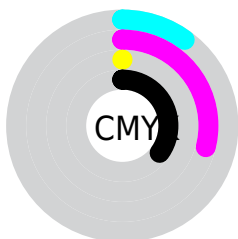
Blue (65%)



Red (58%)

Yellow (46%)

Blue (65%)

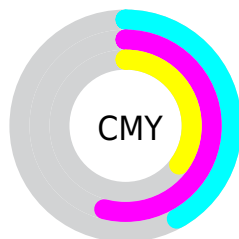


Cyan (10%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 148, 117, 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 148, 117, 165 by changing the saturation by 10% instead.

 148, 117, 165

255, 255, 255

 203, 169, 220

 231, 197, 249

 255, 225, 255

 255, 253, 255

 148, 117, 165

 122, 92, 139

 97, 68, 113

 72, 46, 88

 49, 24, 65


 28, 0, 43


 0, 1, 21

 0, 0, 0

 148, 117, 165


 142, 101, 165

 148, 117, 165

 154, 133, 165

 136, 84, 165

 160, 150, 165

 130, 67, 165

 165, 166, 165

 125, 51, 165

 165, 183, 177

 119, 35, 165

 165, 199, 187

 113, 18, 165

 165, 216, 198

 107, 1, 165

 165, 233, 209

 107, 0, 165

 165, 249, 219

 165, 255, 219

Harmonies

Analogous

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



113, 124, 178



148, 117, 165



171, 110, 142

Triad

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



148, 117, 165



142, 157, 79



36, 89, 142

Complementary

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



148, 117, 165



117, 165, 148

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.



71, 114, 141



148, 117, 165



79, 132, 78

Square

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



148, 117, 165



174, 121, 93



91, 138, 126



28, 89, 164

Rectangle

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



148, 117, 165



178, 108, 125



91, 138, 126



47, 97, 142

Sweetspot

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



148, 117, 165



207, 195, 214



117, 130, 165



103, 95, 107



235, 235, 235



107, 107, 107

Same Dimension

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



148, 117, 165



188, 139, 214



165, 117, 159



79, 73, 82



94, 0, 145



12, 0, 18

Inverse Universe

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



165, 117, 134



214, 139, 166



117, 160, 165



82, 73, 76



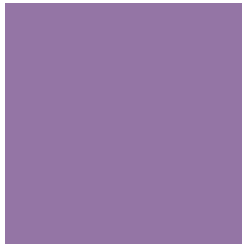
145, 0, 51



18, 0, 6

Previews

White Background



This preview shows how the RYB color 148, 117, 165 looks on a white background.

Color Contrast Check

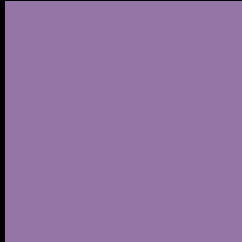
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 117, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

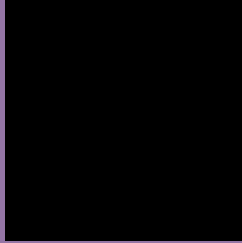
Any Text WCAG AA ✓ Pass

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 148, 117, 165 Background



This preview shows how black text looks on a background with the RYB color 148, 117, 165.



This preview shows how white text looks on a background with the RYB color 148, 117, 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

148, 117, 165

Protanopia

116, 125, 172

Deuteranopia

123, 126, 163



Tritanopia
143, 123, 133

Trichromacy



Original Color
148, 117, 165

Protanomaly
128, 123, 169

Deuteranomaly
132, 123, 164

Tritanomaly
145, 121, 145

Monochromacy



Original Color
148, 117, 165

Achromatopsia
132, 132, 132

Achromatomaly
138, 127, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 117, 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(148, 117, 165) looks like.

```
.text, #text, p{  
    color:rgb(148, 117, 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(148, 117, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 117, 165) }
```

Border

The CSS property to change the border of an element to RYB 148, 117, 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(148, 117, 165) }
```

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

```
.border{ border-color:rgb(148, 117, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 117, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 117, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 117, 165);  
box-shadow:4px 4px 4px 4px rgb(148, 117,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 148, 117, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 117, 165) }
```

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

```
.background{ background-color: rgb(148,  
117, 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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