

Converting Colors

`RYB(149, 100, 135)`

Have a look what the booklet for
RYB(149, 100, 135) contains.

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Color

R_YB(149, 100, 135)

Conversions

Conversions Part 1

Format	Color
Hex	956487
RGB	149, 100, 135
RGB Percent	58%, 39%, 53%
CMY	0.4157, 0.6078, 0.4706
CMYK	0.00, 0.33, 0.09, 0.42
HSL	317°, 20%, 49%
HSV	317°, 33%, 58%
XYZ	21.3248, 17.2532, 25.1279
YIQ	118.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

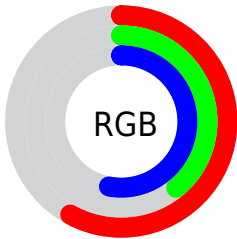
Format	Color
R_{YB}	149, 100, 135
Decimal	9790599
CIE _{Lab}	48.58, 25.47, -11.34
CIE _{LCh}	49, 27.879, 336.007
Yxy	17.2532, 0.3347, 0.2708
Android (android.graphics.Color)	4287980679 (0xFF956487)
YUV	118.6410, 8.0650, 26.6248
Hunter-Lab	41.5369, 18.9510, -6.7918

Details

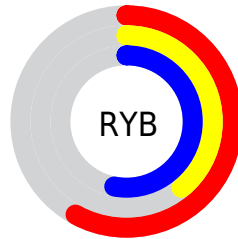
The RYB color **149, 100, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **100, 138, 149**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **204, 152, 188**, and **97, 52, 85** is the 20% darker color. If you saturate the color by 10%, you get **149, 85, 131**, and if you desaturate by 10%, it is **149, 115, 139**.

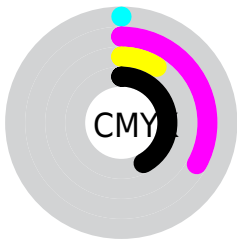
Distribution



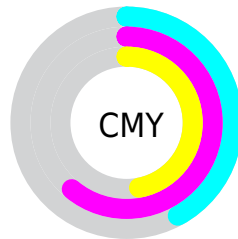
- Red (58%)
- Green (39%)
- Blue (53%)



- Red (58%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 149, 100, 135 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, 100, 135 by changing the saturation by 10% instead.

 149, 100, 135

255, 255, 255

 204, 152, 188

 232, 178, 216

 255, 206, 244

 255, 235, 255

 149, 100, 135

 123, 76, 110

 97, 52, 85

 73, 29, 62


 49, 7, 40

 29, 0, 20

 0, 0, 0


 149, 100, 135

 149, 85, 131

 149, 70, 126

 149, 100, 135

 149, 115, 139

 149, 130, 144

■ 149, 55, 122

■ 149, 145, 148

■ 149, 40, 118

■ 149, 158, 160

■ 149, 26, 114

■ 149, 169, 175

■ 149, 11, 109

■ 149, 180, 189

■ 149, 0, 106

■ 149, 192, 204

■ 149, 203, 219

■ 149, 215, 234

Harmonies

Analogous

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



124, 108, 154



149, 100, 135



161, 97, 111

Triad

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



149, 100, 135



82, 126, 68



17, 76, 142

Complementary

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



149, 100, 135



100, 138, 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.



40, 86, 128



149, 100, 135



76, 122, 97

Square

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



149, 100, 135



147, 136, 73



72, 110, 126



48, 93, 158

Rectangle

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



149, 100, 135



161, 98, 96



72, 110, 126



20, 76, 135

Sweetspot

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



149, 100, 135



194, 174, 188



114, 100, 149



97, 85, 94



224, 224, 224



97, 97, 97

Same Dimension

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



149, 100, 135



194, 118, 172



149, 100, 111



74, 67, 72



138, 0, 98



10, 0, 7

Inverse Universe

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



149, 100, 135



194, 118, 172



100, 128, 149



74, 67, 72



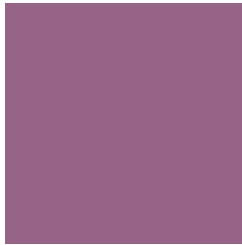
138, 0, 98



10, 0, 7

Previews

White Background



This preview shows how the RYB color 149, 100, 135 looks on a white background.

Color Contrast Check

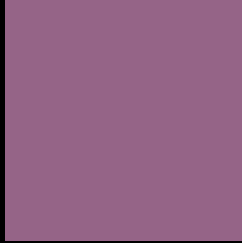
Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 100, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

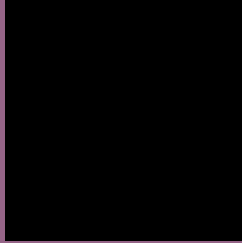
Any Text WCAG AA × Fail

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 149, 100, 135 Background



This preview shows how black text looks on a background with the RYB color 149, 100, 135.



This preview shows how white text looks on a background with the RYB color 149, 100, 135.

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, 100, 135

Protanopia
108, 114, 145

Deuteranopia
119, 113, 133



Tritanopia
146, 104, 112

Trichromacy



Original Color
149, 100, 135

Protanomaly
123, 110, 141

Deuteranomaly
130, 108, 134

Tritanomaly
147, 103, 120

Monochromacy



Original Color
149, 100, 135

Achromatopsia
119, 119, 119

Achromatomaly
130, 112, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 100, 135 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, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(149, 100, 135)  
}
```

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, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 100, 135) }
```

Border

The CSS property to change the border of an element to RYB 149, 100, 135 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, 100, 135) }
```

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

```
.border{ border-color:rgb(149, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 100, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 100, 135); box-shadow:4px 4px 4px 4px rgb(149, 100, 135) }
```

Background

The CSS property to change the background color of an element to RYB 149, 100, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 100, 135) }
```

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

```
.background{ background-color: rgb(149,  
100, 135) }
```

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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