

Converting Colors

`RYB(149, 75, 139)`

Have a look what the booklet for
RYB(149, 75, 139) contains.

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Color

R_YB(149, 75, 139)

Conversions

Conversions Part 1

Format	Color
Hex	954B8B
RGB	149, 75, 139
RGB Percent	58%, 29%, 55%
CMY	0.4157, 0.7059, 0.4549
CMYK	0.00, 0.50, 0.07, 0.42
HSL	308°, 33%, 44%
HSV	308°, 50%, 58%
XYZ	19.5707, 13.2858, 25.9590
YIQ	104.4220, 23.5600, 35.5920

Conversions

Conversions Part 2

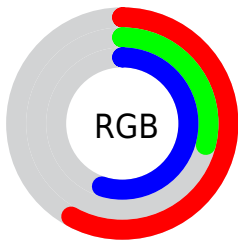
Format	Color
RYB	149, 75, 139
Decimal	9784203
CIELab	43.19, 40.12, -21.96
CIELCh	43, 45.737, 331.303
Yxy	13.2858, 0.3327, 0.2259
Android (android.graphics.Color)	4287974283 (0xFF954B8B)
YUV	104.4220, 17.0470, 39.0949
Hunter-Lab	36.4497, 32.0540, -16.7108

Details

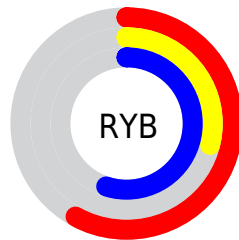
The RYB color **149, 75, 139** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **75, 140, 149**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **205, 126, 193**, and **96, 24, 89** is the 20% darker color. If you saturate the color by 10%, you get **149, 60, 137**, and if you desaturate by 10%, it is **149, 90, 141**.

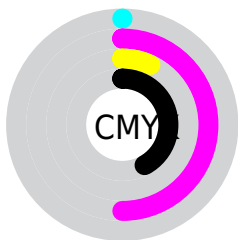
Distribution



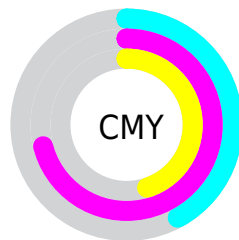
- Red (58%)
- Green (29%)
- Blue (55%)



- Red (58%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 75, 139 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, 75, 139 by changing the saturation by 10% instead.



149, 75, 139



149, 75, 139

255, 255, 255



122, 50, 113



205, 126, 193



96, 24, 89



233, 153, 221



71, 0, 65



255, 181, 249



47, 0, 43



255, 209, 255



15, 0, 21



255, 237, 255



0, 0, 0



149, 75, 139



149, 75, 139



149, 60, 137



149, 90, 141



149, 45, 135



149, 105, 143

149, 30, 133

149, 120, 145

149, 15, 131

149, 135, 147

149, 0, 129

149, 150, 150

149, 162, 164

149, 175, 179

149, 189, 194

149, 202, 209

Harmonies

Analogous

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



104, 91, 167



149, 75, 139



169, 66, 102

Triad

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



149, 75, 139



40, 120, 17



0, 65, 140

Complementary

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



149, 75, 139



75, 140, 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.



0, 65, 120



149, 75, 139



32, 111, 61

Square

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



149, 75, 139



150, 128, 34



18, 86, 117



0, 68, 168

Rectangle

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



149, 75, 139



170, 68, 77



18, 86, 117



0, 62, 128

Sweetspot

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



149, 75, 139



194, 165, 190



85, 75, 149



97, 79, 95



224, 224, 224



97, 97, 97

Same Dimension

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



149, 75, 139



194, 78, 178



149, 75, 102



74, 67, 73



138, 0, 119



10, 0, 9

Inverse Universe

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



149, 75, 139



194, 78, 178



75, 120, 149



74, 67, 73



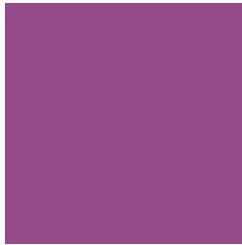
138, 0, 119



10, 0, 9

Previews

White Background



This preview shows how the RYB color 149, 75, 139 looks on a white background.

Color Contrast Check

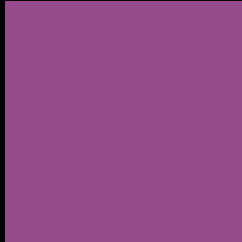
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

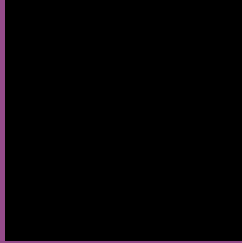
Any Text WCAG AA × Fail

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](#).

RYP 149, 75, 139 Background



This preview shows how black text looks on a background with the RYP color 149, 75, 139.

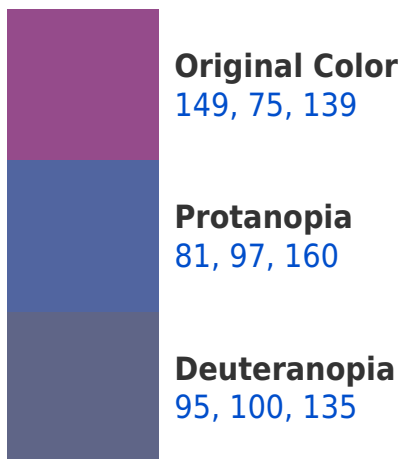


This preview shows how white text looks on a background with the RYP color 149, 75, 139.

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
144, 86, 92

Trichromacy



Original Color

149, 75, 139

Protanomaly

106, 92, 152

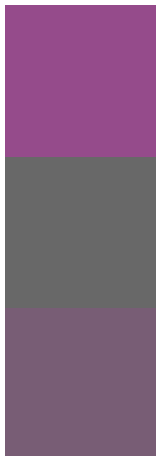
Deuteranomaly

115, 92, 136

Tritanomaly

146, 82, 109

Monochromacy



Original Color

149, 75, 139

Achromatopsia

104, 104, 104

Achromatomaly

120, 93, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 75, 139 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, 75, 139) looks like.

```
.text, #text, p{  
    color:rgb(149, 75, 139)  
}
```

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, 75, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 75, 139) }
```

Border

The CSS property to change the border of an element to RYB 149, 75, 139 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, 75, 139) }
```

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

```
.border{ border-color:rgb(149, 75, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 75, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 75, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 75, 139); box-shadow:4px 4px 4px 4px rgb(149, 75, 139) }
```

Background

The CSS property to change the background color of an element to RGB 149, 75, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 75, 139) }
```

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

```
.background{ background-color: rgb(149, 75,  
139) }
```

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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