

Converting Colors

`RYB(149, 89, 109)`

Have a look what the booklet for
RYB(149, 89, 109) contains.

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Color

RYP(149, 89, 109)

Conversions

Conversions Part 1

Format	Color
Hex	95596D
RGB	149, 89, 109
RGB Percent	58%, 35%, 43%
CMY	0.4157, 0.6510, 0.5725
CMYK	0.00, 0.40, 0.27, 0.42
HSL	340°, 25%, 47%
HSV	340°, 40%, 58%
XYZ	18.7271, 14.6384, 16.3065
YIQ	109.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

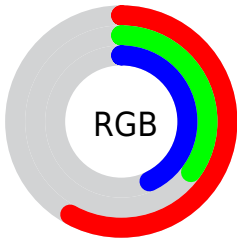
Format	Color
R_{YB}	149, 89, 109
Decimal	9787757
CIE Lab	45.13, 27.43, -0.80
CIE LCh	45, 27.446, 358.321
Yxy	14.6384, 0.3770, 0.2947
Android (android.graphics.Color)	4287977837 (0xFF95596D)
YUV	109.2200, -0.1085, 34.8871
Hunter-Lab	38.2602, 20.4145, 1.5128

Details

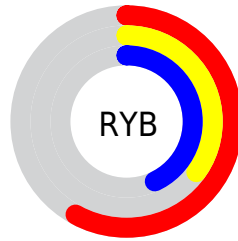
The RYB color **149, 89, 109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **89, 125, 149**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **204, 140, 160**, and **96, 41, 62** is the 20% darker color. If you saturate the color by 10%, you get **149, 74, 99**, and if you desaturate by 10%, it is **149, 104, 119**.

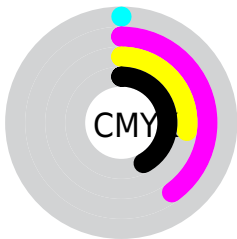
Distribution



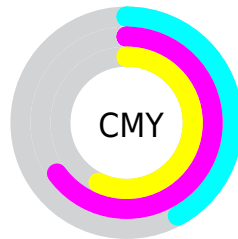
- Red (58%)
- Green (35%)
- Blue (43%)



- Red (58%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 89, 109 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, 89, 109 by changing the saturation by 10% instead.



149, 89, 109



149, 89, 109

255, 255, 255



122, 65, 85



204, 140, 160



96, 41, 62



233, 167, 187



71, 18, 40



255, 194, 215



47, 0, 19



255, 222, 244



16, 0, 0



255, 251, 255



0, 0, 0



149, 89, 109



149, 89, 109



149, 74, 99



149, 104, 119



149, 59, 89



149, 119, 129

■ 149, 44, 79

■ 149, 134, 139

■ 149, 29, 69

■ 149, 149, 149

■ 149, 14, 59

■ 149, 157, 163

■ 149, 0, 50

■ 149, 166, 178

■ 149, 175, 193

■ 149, 185, 208

■ 149, 194, 223

Harmonies

Analogous

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



134, 93, 131



149, 89, 109



151, 91, 86

Triad

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



149, 89, 109



66, 112, 79



27, 77, 145

Complementary

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



149, 89, 109



89, 125, 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, 62, 128



149, 89, 109



72, 109, 117

Square

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



149, 89, 109



86, 123, 61



40, 83, 119



71, 97, 152

Rectangle

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



149, 89, 109



145, 104, 74



40, 83, 119



10, 69, 140

Sweetspot

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



149, 89, 109



194, 171, 178



129, 89, 149



97, 83, 88



224, 224, 224



97, 97, 97

Same Dimension

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



149, 89, 109



194, 101, 132



149, 101, 89



74, 67, 69



138, 0, 46



10, 0, 3

Inverse Universe

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



149, 89, 109



194, 101, 132



89, 116, 149



74, 67, 69



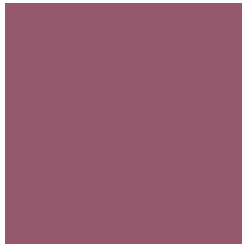
138, 0, 46



10, 0, 3

Previews

White Background



This preview shows how the RYB color 149, 89, 109 looks on a white background.

Color Contrast Check

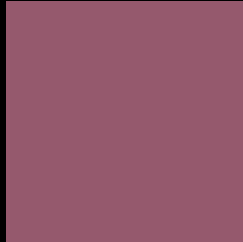
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

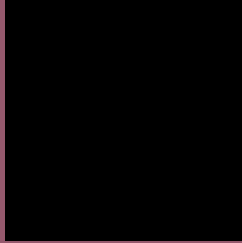
Any Text WCAG AA × Fail

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, 89, 109 Background



This preview shows how black text looks on a background with the RYB color 149, 89, 109.



This preview shows how white text looks on a background with the RYB color 149, 89, 109.

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, 89, 109

Protanopia

106, 106, 120

Deuteranopia

118, 104, 106



Tritanopia
148, 91, 98

Trichromacy



Original Color

149, 89, 109

Protanomaly

122, 100, 116

Deuteranomaly

129, 99, 107

Tritanomaly

148, 90, 102

Monochromacy



Original Color

149, 89, 109

Achromatopsia

109, 109, 109

Achromatomaly

124, 102, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 89, 109 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, 89, 109)` looks like.

```
.text, #text, p{  
    color:rgb(149, 89, 109)  
}
```

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, 89, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 89, 109) }
```

Border

The CSS property to change the border of an element to RYB 149, 89, 109 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, 89, 109) }
```

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

```
.border{ border-color:rgb(149, 89, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 89, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 89, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 89, 109);  
box-shadow:4px 4px 4px 4px rgb(149, 89,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 149, 89, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 89, 109) }
```

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

```
.background{ background-color: rgb(149, 89,  
109) }
```

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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