

Converting Colors

`RYB(163, 99, 134)`

Have a look what the booklet for
RYB(163, 99, 134) contains.

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Color

`RYB(163, 99, 134)`

Conversions

Conversions Part 1

Format	Color
Hex	A36386
RGB	163, 99, 134
RGB Percent	64%, 39%, 53%
CMY	0.3608, 0.6118, 0.4745
CMYK	0.00, 0.39, 0.18, 0.36
HSL	327°, 26%, 51%
HSV	327°, 39%, 64%
XYZ	23.8692, 18.4314, 24.8538
YIQ	122.1260, 26.9090, 24.4530

Conversions

Conversions Part 2

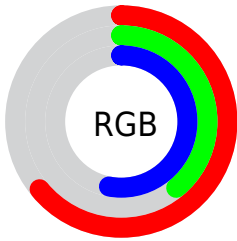
Format	Color
RYB	163, 99, 134
Decimal	10707846
CIELab	50.02, 30.91, -8.41
CIELCh	50, 32.029, 344.778
Yxy	18.4314, 0.3554, 0.2745
Android (android.graphics.Color)	4288897926 (0xFFA36386)
YUV	122.1260, 5.8539, 35.8465
Hunter-Lab	42.9319, 24.1114, -4.2715

Details

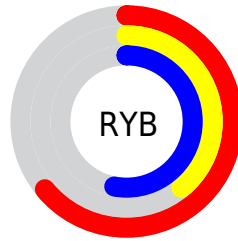
The RYB color **163, 99, 134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **99, 143, 163**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **219, 151, 187**, and **110, 50, 84** is the 20% darker color. If you saturate the color by 10%, you get **163, 83, 127**, and if you desaturate by 10%, it is **163, 115, 141**.

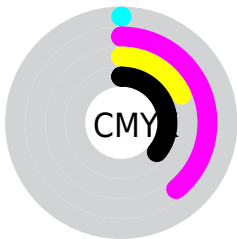
Distribution



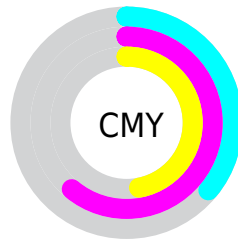
- Red (64%)
- Green (39%)
- Blue (53%)



- Red (64%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (18%)
- Black (36%)




- Cyan (36%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 99, 134 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 163, 99, 134 by changing the saturation by 10% instead.

 163, 99, 134


255, 255, 255


 219, 151, 187


 248, 178, 215

 255, 206, 243

 255, 234, 255

 163, 99, 134

 136, 74, 109

 110, 50, 84

 84, 26, 61

 60, 1, 39


 40, 0, 19


 0, 0, 0


 163, 99, 134

 163, 83, 127

 163, 66, 119

 163, 99, 134

 163, 115, 141

 163, 132, 149

163, 50, 112

163, 148, 156

163, 34, 104

163, 164, 164

163, 18, 97

163, 175, 180

163, 1, 90

163, 187, 197

163, 0, 89

163, 197, 213

163, 208, 229

163, 220, 246

Harmonies

Analogous

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



139, 107, 158



163, 99, 134



172, 98, 106

Triad

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



163, 99, 134



66, 123, 65



0, 71, 157

Complementary

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



163, 99, 134



99, 143, 163

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, 67, 133



163, 99, 134



79, 128, 114

Square

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



163, 99, 134



127, 148, 66



56, 103, 132



48, 96, 171

Rectangle

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



163, 99, 134



169, 103, 89



56, 103, 132



0, 70, 149

Sweetspot

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



163, 99, 134



212, 186, 200



128, 99, 163



107, 92, 100



235, 235, 235



107, 107, 107

Same Dimension

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



163, 99, 134



212, 112, 167



163, 99, 102



82, 73, 78



145, 0, 79



18, 0, 10

Inverse Universe

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



163, 99, 134



212, 112, 167



99, 132, 163



82, 73, 78



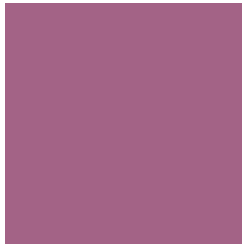
145, 0, 79



18, 0, 10

Previews

White Background



This preview shows how the RYB color 163, 99, 134 looks on a white background.

Color Contrast Check

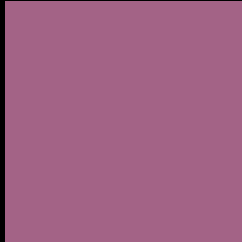
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 99, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

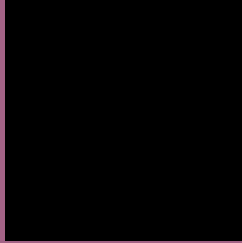
Any Text WCAG AA ✓ Pass

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 163, 99, 134 Background



This preview shows how black text looks on a background with the RYB color 163, 99, 134.



This preview shows how white text looks on a background with the RYB color 163, 99, 134.

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
163, 99, 134

Protanopia
113, 117, 147

Deuteranopia
126, 116, 131



Tritanopia
160, 103, 111

Trichromacy



Original Color
163, 99, 134

Protanomaly
131, 111, 142

Deuteranomaly
139, 110, 132

Tritanomaly
161, 102, 119

Monochromacy



Original Color
163, 99, 134

Achromatopsia
122, 122, 122

Achromatomaly
137, 114, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 99, 134 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(163, 99, 134)` looks like.

```
.text, #text, p{  
    color:rgb(163, 99, 134)  
}
```

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(163, 99, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 99, 134) }
```

Border

The CSS property to change the border of an element to RYB 163, 99, 134 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(163, 99, 134) }
```

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

```
.border{ border-color:rgb(163, 99, 134) }
```

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

Here you see how a box with a 4 pixel rgb(163, 99, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 99, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 99, 134);  
box-shadow:4px 4px 4px 4px rgb(163, 99,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 163, 99, 134 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 99, 134) }
```

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

```
.background{ background-color: rgb(163, 99,  
134) }
```

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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