

Converting Colors

`RYB(163, 95, 135)`

Have a look what the booklet for
RYB(163, 95, 135) contains.

RYB(163, 95, 135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(163, 95, 135)`

Conversions

Conversions Part 1

Format	Color
Hex	A35F87
RGB	163, 95, 135
RGB Percent	64%, 37%, 53%
CMY	0.3608, 0.6275, 0.4706
CMYK	0.00, 0.42, 0.17, 0.36
HSL	325°, 27%, 51%
HSV	325°, 42%, 64%
XYZ	23.5696, 17.7202, 25.0998
YIQ	119.8920, 27.6880, 26.8560

Conversions

Conversions Part 2

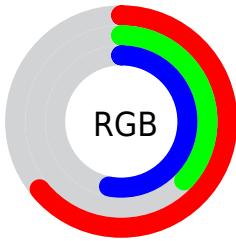
Format	Color
R_{YB}	163, 95, 135
Decimal	10706823
CIE _{Lab}	49.15, 33.29, -10.29
CIE _{LCh}	49, 34.844, 342.816
Yxy	17.7202, 0.3550, 0.2669
Android (android.graphics.Color)	4288896903 (0xFFA35F87)
YUV	119.8920, 7.4482, 37.8057
Hunter-Lab	42.0954, 26.2771, -5.8854

Details

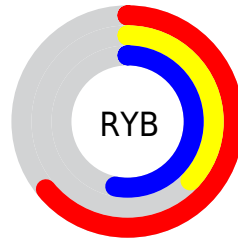
The RYB color **163, 95, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **95, 143, 163**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **219, 147, 188**, and **110, 46, 85** is the 20% darker color. If you saturate the color by 10%, you get **163, 79, 128**, and if you desaturate by 10%, it is **163, 111, 142**.

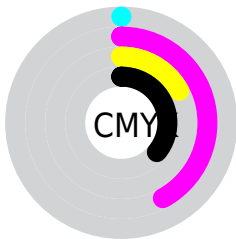
Distribution



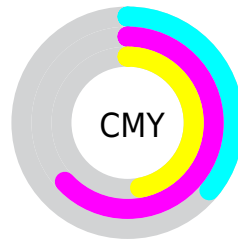
- Red (64%)
- Green (37%)
- Blue (53%)



- Red (64%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (36%)






















- Cyan (36%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 95, 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 163, 95, 135 by changing the saturation by 10% instead.

 163, 95, 135	 163, 95, 135
 255, 255, 255	 136, 70, 110
 219, 147, 188	 110, 46, 85
 248, 174, 216	 84, 21, 62
 255, 202, 244	 59, 0, 40
 255, 230, 255	 39, 0, 20
	 0, 0, 0

 163, 95, 135	 163, 95, 135
 163, 79, 128	 163, 111, 142
 163, 62, 122	 163, 128, 148

163, 46, 115

163, 144, 155

163, 30, 108

163, 160, 162

163, 14, 101

163, 172, 176

163, 0, 96

163, 184, 193

163, 196, 209

163, 207, 225

163, 219, 242

Harmonies

Analogous

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



136, 104, 160



163, 95, 135



173, 93, 105

Triad

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



163, 95, 135



62, 123, 58



0, 71, 156

Complementary

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



163, 95, 135



95, 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, 132



163, 95, 135



72, 127, 109

Square

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



163, 95, 135



133, 149, 60



48, 100, 131



18, 81, 173

Rectangle

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



163, 95, 135



171, 97, 86



48, 100, 131



0, 69, 148

Sweetspot

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



163, 95, 135



212, 184, 200



122, 95, 163



107, 90, 100



235, 235, 235



107, 107, 107

Same Dimension

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



163, 95, 135



212, 106, 168



163, 95, 102



82, 73, 78



145, 0, 86



18, 0, 11

Inverse Universe

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



163, 95, 135



212, 106, 168



95, 131, 163



82, 73, 78



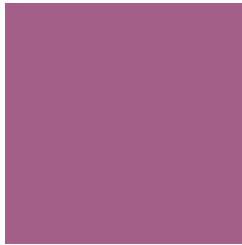
145, 0, 86



18, 0, 11

Previews

White Background



This preview shows how the RYB color 163, 95, 135 looks on a white background.

Color Contrast Check

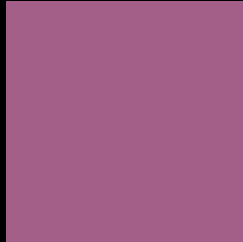
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 95, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

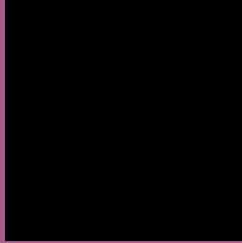
Any Text WCAG AA ✓ Pass

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, 95, 135 Background



This preview shows how black text looks on a background with the RYB color 163, 95, 135.



This preview shows how white text looks on a background with the RYB color 163, 95, 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
163, 95, 135

Protanopia
109, 115, 149

Deuteranopia
122, 114, 132



Tritanopia
160, 100, 108

Trichromacy



Original Color
163, 95, 135

Protanomaly
129, 108, 144

Deuteranomaly
137, 107, 133

Tritanomaly
161, 98, 118

Monochromacy



Original Color
163, 95, 135

Achromatopsia
120, 120, 120

Achromatomaly
136, 111, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 95, 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(163, 95, 135)` looks like.

```
.text, #text, p{  
    color:rgb(163, 95, 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(163, 95, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 95, 135) }
```

Border

The CSS property to change the border of an element to RYB 163, 95, 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(163, 95, 135) }
```

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

```
.border{ border-color:rgb(163, 95, 135) }
```

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

Here you see how a box with a 4 pixel rgb(163, 95, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 95, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 95, 135);  
box-shadow:4px 4px 4px 4px rgb(163, 95,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 163, 95, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 95, 135) }
```

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

```
.background{ background-color: rgb(163, 95,  
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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