

Converting Colors

`RYB(125, 95, 135)`

Have a look what the booklet for
RYB(125, 95, 135) contains.

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Color

`RYB(125, 95, 135)`

Conversions

Conversions Part 1

Format	Color
Hex	7D5F87
RGB	125, 95, 135
RGB Percent	49%, 37%, 53%
CMY	0.5098, 0.6275, 0.4706
CMYK	0.07, 0.30, 0.00, 0.47
HSL	285°, 17%, 45%
HSV	285°, 30%, 53%
XYZ	16.9228, 14.2937, 24.7887
YIQ	108.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

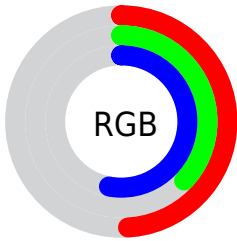
Format	Color
R_{YB}	125, 95, 135
Decimal	8216455
CIE _{Lab}	44.65, 19.86, -17.55
CIE _{LCh}	45, 26.503, 318.530
Yxy	14.2937, 0.3022, 0.2552
Android (android.graphics.Color)	4286406535 (0xFF7D5F87)
YUV	108.5300, 13.0497, 14.4442
Hunter-Lab	37.8070, 13.7365, -12.4095

Details

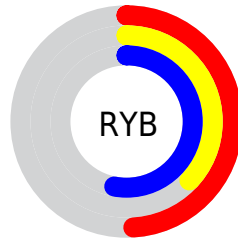
The RYB color **125, 95, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **95, 135, 125**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **178, 146, 188**, and **75, 48, 85** is the 20% darker color. If you saturate the color by 10%, you get **122, 82, 135**, and if you desaturate by 10%, it is **128, 109, 135**.

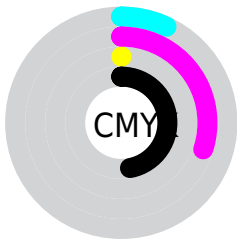
Distribution



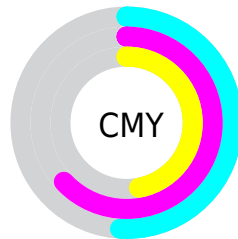
- Red (49%)
- Green (37%)
- Blue (53%)



- Red (49%)
- Yellow (37%)
- Blue (53%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 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 125, 95, 135 by changing the saturation by 10% instead.



125, 95, 135



125, 95, 135

255, 255, 255



100, 71, 110



178, 146, 188



75, 48, 85



206, 172, 216



52, 27, 62



234, 200, 245



31, 3, 40



255, 228, 255



0, 1, 18



0, 0, 0



125, 95, 135



125, 95, 135



122, 82, 135



128, 109, 135



118, 68, 135



132, 122, 135

■ 115, 55, 135

■ 135, 136, 136

■ 112, 41, 135

■ 135, 149, 145

■ 108, 28, 135

■ 135, 163, 156

■ 105, 14, 135

■ 135, 176, 166

■ 101, 1, 135

■ 135, 190, 176

■ 101, 0, 135

■ 135, 203, 186

■ 135, 217, 197

Harmonies

Analogous

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



96, 102, 147



125, 95, 135



143, 89, 115

Triad

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



125, 95, 135



108, 128, 62



21, 69, 119

Complementary

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



125, 95, 135



95, 135, 125

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.



53, 91, 117



125, 95, 135



63, 109, 66

Square

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



125, 95, 135



143, 103, 73



76, 114, 109



20, 73, 138

Rectangle

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



125, 95, 135



148, 88, 100



76, 114, 109



32, 76, 117

Sweetspot

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



125, 95, 135



172, 160, 176



95, 103, 135



87, 79, 89



217, 217, 217



89, 89, 89

Same Dimension

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



125, 95, 135



160, 113, 176



135, 95, 125



65, 60, 66



98, 0, 130



2, 0, 3

Inverse Universe

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



135, 95, 105



176, 113, 128



95, 127, 135



66, 60, 61



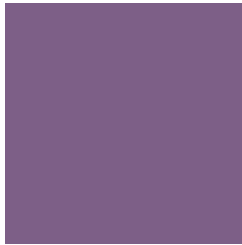
130, 0, 33



3, 0, 1

Previews

White Background



This preview shows how the RYB color 125, 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 125, 95, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

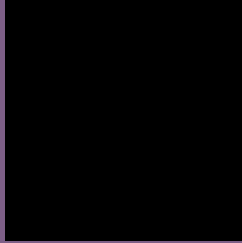
Any Text WCAG AA × Fail

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 125, 95, 135 Background



This preview shows how black text looks on a background with the RYB color 125, 95, 135.



This preview shows how white text looks on a background with the RYB color 125, 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

125, 95, 135

Protanopia

95, 103, 142

Deuteranopia

102, 104, 133



Tritanopia
121, 100, 108

Trichromacy



Original Color
125, 95, 135

Protanomaly
106, 101, 139

Deuteranomaly
110, 101, 134

Tritanomaly
122, 98, 118

Monochromacy



Original Color
125, 95, 135

Achromatopsia
109, 109, 109

Achromatomaly
115, 104, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 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(125, 95, 135)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 95, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 95, 135) }
```

Border

The CSS property to change the border of an element to RYB 125, 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(125, 95, 135) }
```

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

```
.border{ border-color:rgb(125, 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(125, 95, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 95, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 95, 135); box-shadow:4px 4px 4px 4px rgb(125, 95, 135) }
```

Background

The CSS property to change the background color of an element to RGB 125, 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(125, 95, 135) }
```

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

```
.background{ background-color: rgb(125, 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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