

Converting Colors

`RYB(132, 105, 165)`

Have a look what the booklet for
RYB(132, 105, 165) contains.

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Color

R_YB(132, 105, 165)

Conversions

Conversions Part 1

Format	Color
Hex	8469A5
RGB	132, 105, 165
RGB Percent	52%, 41%, 65%
CMY	0.4824, 0.5882, 0.3529
CMYK	0.20, 0.36, 0.00, 0.35
HSL	267°, 25%, 53%
HSV	267°, 36%, 65%
XYZ	21.3588, 17.7253, 37.8929
YIQ	119.9130, -3.1680, 24.3840

Conversions

Conversions Part 2

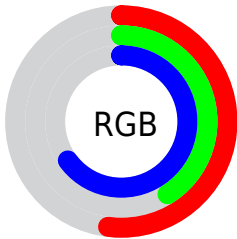
Format	Color
R_{YB}	132, 105, 165
Decimal	8677797
CIE _{Lab}	49.16, 23.12, -28.33
CIE _{LCh}	49, 36.566, 309.211
Yxy	17.7253, 0.2775, 0.2303
Android (android.graphics.Color)	4286867877 (0xFF8469A5)
YUV	119.9130, 22.2279, 10.6003
Hunter-Lab	42.1014, 16.8789, -23.8923

Details

The RYB color **132, 105, 165** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105, 165, 132**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **186, 157, 220**, and **81, 57, 113** is the 20% darker color. If you saturate the color by 10%, you get **123, 89, 165**, and if you desaturate by 10%, it is **141, 121, 165**.

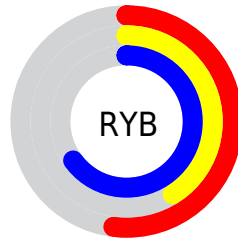
Distribution



Red (52%)

Green (41%)

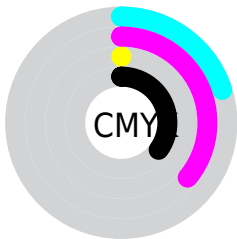
Blue (65%)



Red (52%)

Yellow (41%)

Blue (65%)

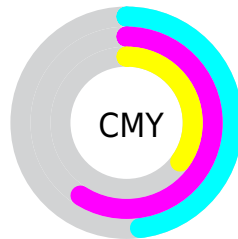


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (59%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 132, 105, 165 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 132, 105, 165 by changing the saturation by 10% instead.

 132, 105, 165


255, 255, 255

 186, 157, 220

 214, 184, 249

 243, 211, 255


 255, 240, 255

 132, 105, 165

 106, 81, 138

 81, 57, 113

 57, 35, 88

 33, 14, 64


 14, 0, 42


 0, 1, 20

 0, 0, 0

 132, 105, 165

 123, 89, 165

 132, 105, 165

 141, 121, 165

■ 114, 72, 165

■ 150, 138, 165

■ 105, 55, 165

■ 159, 154, 165

■ 96, 39, 165

■ 165, 171, 168

■ 87, 22, 165

■ 165, 187, 175

■ 78, 6, 165

■ 165, 204, 183

■ 74, 0, 165

■ 165, 220, 189

■ 165, 237, 197

■ 165, 253, 204

Harmonies

Analogous

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



83, 108, 178



132, 105, 165



163, 95, 140

Triad

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



132, 105, 165



149, 153, 59



0, 68, 133

Complementary

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



132, 105, 165



105, 165, 132

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.



49, 102, 131



132, 105, 165



63, 126, 54

Square

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



132, 105, 165



171, 101, 79



67, 126, 100



0, 71, 155

Rectangle

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



132, 105, 165



173, 91, 119



67, 126, 100



0, 71, 133

Sweetspot

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



132, 105, 165



201, 191, 214



105, 126, 165



99, 93, 107



235, 235, 235



107, 107, 107

Same Dimension

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



132, 105, 165



162, 120, 214



162, 105, 165



77, 73, 82



65, 0, 145



8, 0, 18

Inverse Universe

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



165, 105, 138



214, 120, 172



105, 165, 162



82, 73, 78



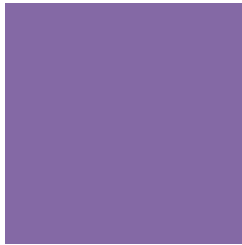
145, 0, 80



18, 0, 10

Previews

White Background



This preview shows how the RYB color 132, 105, 165 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 132, 105, 165 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 132, 105, 165 Background



This preview shows how black text looks on a background with the RYB color 132, 105, 165.



This preview shows how white text looks on a background with the RYB color 132, 105, 165.

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

132, 105, 165

Protanopia

97, 112, 173

Deuteranopia

102, 113, 163



Tritanopia
125, 114, 123

Trichromacy



Original Color
132, 105, 165

Protanomaly
110, 111, 170

Deuteranomaly
113, 112, 164

Tritanomaly
128, 111, 138

Monochromacy



Original Color
132, 105, 165

Achromatopsia
120, 120, 120

Achromatomaly
124, 115, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 105, 165 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(132, 105, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 105, 165)  
}
```

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(132, 105, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 105, 165) }
```

Border

The CSS property to change the border of an element to RYB 132, 105, 165 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(132, 105, 165) }
```

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

```
.border{ border-color:rgb(132, 105, 165) }
```

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

Here you see how a box with a 4 pixel rgb(132, 105, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 105, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 105, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 105,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 132, 105, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 105, 165) }
```

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

```
.background{ background-color: rgb(132,  
105, 165) }
```

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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