

Converting Colors

`RYB(165, 105, 137)`

Have a look what the booklet for
RYB(165, 105, 137) contains.

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Color

R_YB(165, 105, 137)

Conversions

Conversions Part 1

Format	Color
Hex	A56989
RGB	165, 105, 137
RGB Percent	65%, 41%, 54%
CMY	0.3529, 0.5882, 0.4627
CMYK	0.00, 0.36, 0.17, 0.35
HSL	328°, 25%, 53%
HSV	328°, 36%, 65%
XYZ	25.0840, 19.9086, 26.1876
YIQ	126.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

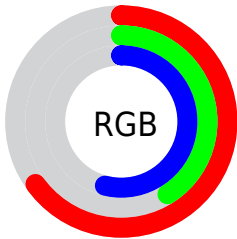
Format	Color
R_{YB}	165, 105, 137
Decimal	10840457
CIE _{Lab}	51.73, 28.76, -7.60
CIE _{LCh}	52, 29.748, 345.207
Yxy	19.9086, 0.3524, 0.2797
Android (android.graphics.Color)	4289030537 (0xFFA56989)
YUV	126.5880, 5.1331, 33.6873
Hunter-Lab	44.6191, 22.2658, -3.5648

Details

The RYB color **165, 105, 137** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105, 146, 165**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **221, 157, 190**, and **112, 56, 87** is the 20% darker color. If you saturate the color by 10%, you get **165, 89, 129**, and if you desaturate by 10%, it is **165, 121, 145**.

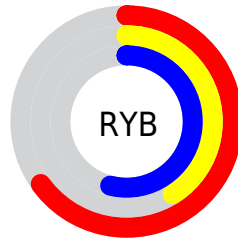
Distribution



Red (65%)

Green (41%)

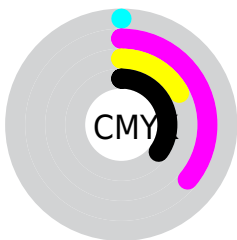
Blue (54%)



Red (65%)

Yellow (41%)

Blue (54%)

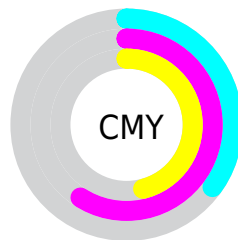


Cyan (0%)

Magenta (36%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (59%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the RYB color 165, 105, 137 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 165, 105, 137 by changing the saturation by 10% instead.

 165, 105, 137

255, 255, 255

 221, 157, 190

 250, 184, 218

 255, 212, 247

 255, 241, 255

 165, 105, 137

 138, 80, 112

 112, 56, 87

 86, 33, 64


 62, 8, 42

 41, 0, 22

 0, 0, 0


 165, 105, 137

 165, 89, 129

 165, 72, 122

 165, 105, 137

 165, 121, 145

 165, 138, 152

165, 55, 114

165, 154, 160

165, 39, 106

165, 169, 171

165, 22, 98

165, 180, 187

165, 6, 91

165, 192, 204

165, 0, 88

165, 202, 220

165, 214, 237

165, 225, 253

Harmonies

Analogous

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



143, 112, 159



165, 105, 137



173, 104, 111

Triad

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



165, 105, 137



74, 127, 73



19, 82, 159

Complementary

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



165, 105, 137



105, 146, 165

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.



29, 83, 137



165, 105, 137



87, 132, 120

Square

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



165, 105, 137



135, 151, 74



66, 109, 136



64, 105, 172

Rectangle

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



165, 105, 137



171, 109, 95



66, 109, 136



11, 77, 152

Sweetspot

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



165, 105, 137



214, 191, 203



133, 105, 165



107, 93, 101



235, 235, 235



107, 107, 107

Same Dimension

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



165, 105, 137



214, 120, 170



165, 105, 107



82, 73, 78



145, 0, 78



18, 0, 10

Inverse Universe

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



165, 105, 137



214, 120, 170



105, 136, 165



82, 73, 78



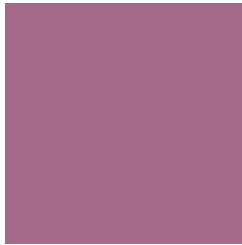
145, 0, 78



18, 0, 10

Previews

White Background



This preview shows how the RYB color 165, 105, 137 looks on a white background.

Color Contrast Check

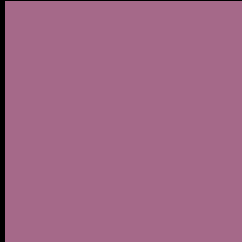
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 105, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

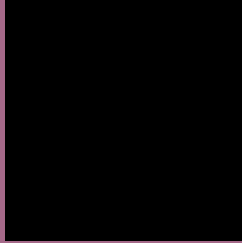
Any Text WCAG AA ✓ Pass

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 165, 105, 137 Background



This preview shows how black text looks on a background with the RYB color 165, 105, 137.



This preview shows how white text looks on a background with the RYB color 165, 105, 137.

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
165, 105, 137

Protanopia
118, 122, 148

Deuteranopia
131, 120, 134



Tritanopia
163, 109, 117

Trichromacy



Original Color

165, 105, 137

Protanomaly

135, 116, 144

Deuteranomaly

143, 115, 135

Tritanomaly

164, 108, 124

Monochromacy



Original Color

165, 105, 137

Achromatopsia

127, 127, 127

Achromatomaly

141, 119, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 105, 137 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(165, 105, 137)` looks like.

```
.text, #text, p{  
    color:rgb(165, 105, 137)  
}
```

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(165, 105, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 105, 137) }
```

Border

The CSS property to change the border of an element to RYB 165, 105, 137 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(165, 105, 137) }
```

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

```
.border{ border-color:rgb(165, 105, 137) }
```

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

Here you see how a box with a 4 pixel rgb(165, 105, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 105, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 105, 137);  
box-shadow:4px 4px 4px 4px rgb(165, 105,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 165, 105, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 105, 137) }
```

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

```
.background{ background-color: rgb(165,  
105, 137) }
```

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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