

Converting Colors

`RYB(153, 105, 144)`

Have a look what the booklet for
RYB(153, 105, 144) contains.

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Color

R_YB(153, 105, 144)

Conversions

Conversions Part 1

Format	Color
Hex	996990
RGB	153, 105, 144
RGB Percent	60%, 41%, 56%
CMY	0.4000, 0.5882, 0.4353
CMYK	0.00, 0.31, 0.06, 0.40
HSL	311°, 19%, 51%
HSV	311°, 31%, 60%
XYZ	23.2225, 18.8891, 28.8076
YIQ	123.7980, 16.0890, 22.3050

Conversions

Conversions Part 2

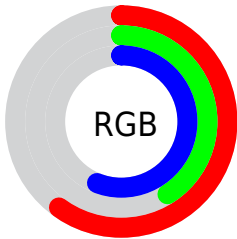
Format	Color
R_{YB}	153, 105, 144
Decimal	10054032
CIE _{Lab}	50.56, 25.69, -13.64
CIE _{LCh}	51, 29.091, 332.038
Yxy	18.8891, 0.3275, 0.2663
Android (android.graphics.Color)	4288244112 (0xFF996990)
YUV	123.7980, 9.9596, 25.6102
Hunter-Lab	43.4616, 19.3188, -8.8760

Details

The RYB color **153, 105, 144** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105, 145, 153**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **208, 157, 198**, and **101, 57, 94** is the 20% darker color. If you saturate the color by 10%, you get **153, 90, 141**, and if you desaturate by 10%, it is **153, 120, 147**.

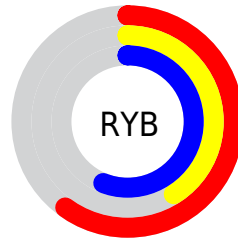
Distribution



Red (60%)

Green (41%)

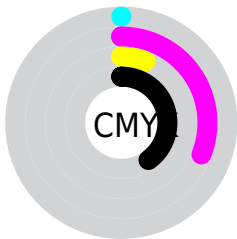
Blue (56%)



Red (60%)

Yellow (41%)

Blue (56%)

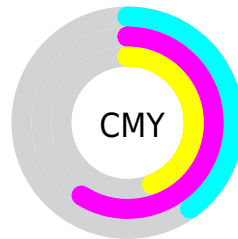


Cyan (0%)

Magenta (31%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 105, 144 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 153, 105, 144 by changing the saturation by 10% instead.

 153, 105, 144

255, 255, 255

 208, 157, 198


 237, 184, 226


 255, 212, 255


 255, 240, 255

 153, 105, 144

 127, 80, 118

 101, 57, 94

 76, 34, 70


 53, 11, 47

 34, 0, 27

 0, 0, 0

 153, 105, 144

 153, 90, 141

 153, 74, 138

 153, 105, 144

 153, 120, 147

 153, 136, 150

153, 59, 135

153, 151, 153

153, 44, 133

153, 164, 166

153, 29, 130

153, 178, 182

153, 13, 127

153, 190, 197

153, 0, 124

153, 203, 212

153, 215, 227

153, 229, 243

Harmonies

Analogous

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



125, 113, 162



153, 105, 144



167, 101, 120

Triad

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



153, 105, 144



91, 135, 70



13, 76, 146

Complementary

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



153, 105, 144



105, 145, 153

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.



45, 93, 134



153, 105, 144



77, 127, 95

Square

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



153, 105, 144



156, 137, 77



79, 119, 132



43, 93, 163

Rectangle

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



153, 105, 144



169, 102, 103



79, 119, 132



21, 78, 138

Sweetspot

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



153, 105, 144



199, 181, 196



114, 105, 153



99, 89, 97



227, 227, 227



99, 99, 99

Same Dimension

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



153, 105, 144



199, 123, 185



153, 105, 120



77, 69, 75



140, 0, 114



13, 0, 10

Inverse Universe

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



153, 105, 144



199, 123, 185



105, 133, 153



77, 69, 75



140, 0, 114



13, 0, 10

Previews

White Background



This preview shows how the RYB color 153, 105, 144 looks on a white background.

Color Contrast Check

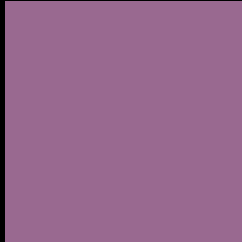
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 105, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

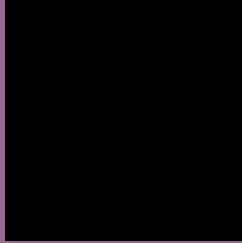
Any Text WCAG AA ✓ Pass

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 153, 105, 144 Background



This preview shows how black text looks on a background with the RYB color 153, 105, 144.



This preview shows how white text looks on a background with the RYB color 153, 105, 144.

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

153, 105, 144

Protanopia

112, 118, 154

Deuteranopia

122, 118, 142



Tritanopia
150, 110, 118

Trichromacy



Original Color
153, 105, 144

Protanomaly
127, 114, 150

Deuteranomaly
133, 113, 143

Tritanomaly
151, 108, 127

Monochromacy



Original Color
153, 105, 144

Achromatopsia
124, 124, 124

Achromatomaly
135, 117, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 105, 144 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(153, 105, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 105, 144)  
}
```

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(153, 105, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 105, 144) }
```

Border

The CSS property to change the border of an element to RYB 153, 105, 144 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(153, 105, 144) }
```

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

```
.border{ border-color:rgb(153, 105, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 105, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 105, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 105, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 105,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 153, 105, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 105, 144) }
```

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

```
.background{ background-color: rgb(153,  
105, 144) }
```

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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