

Converting Colors

`RYB(122, 53, 105)`

Have a look what the booklet for
RYB(122, 53, 105) contains.

RYB(122, 53, 105)	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

R_YB(122, 53, 105)

Conversions

Conversions Part 1

Format	Color
Hex	7A3569
RGB	122, 53, 105
RGB Percent	48%, 21%, 41%
CMY	0.5216, 0.7922, 0.5882
CMYK	0.00, 0.57, 0.14, 0.52
HSL	315°, 39%, 34%
HSV	315°, 57%, 48%
XYZ	11.8489, 7.7037, 14.2271
YIQ	79.5590, 24.4320, 30.8000

Conversions

Conversions Part 2

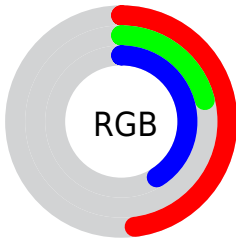
Format	Color
R_{YB}	122, 53, 105
Decimal	8009065
CIE _{Lab}	33.36, 37.03, -16.39
CIE _{LCh}	33, 40.490, 336.125
Yxy	7.7037, 0.3508, 0.2281
Android (android.graphics.Color)	4286199145 (0xFF7A3569)
YUV	79.5590, 12.5424, 37.2208
Hunter-Lab	27.7555, 27.6301, -10.9622

Details

The RYB color **122, 53, 105** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **53, 108, 122**, and the grayscale version is **79, 79, 79**.

A 20% lighter version of the original color is **176, 103, 156**, and **71, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **122, 41, 102**, and if you desaturate by 10%, it is **122, 65, 108**.

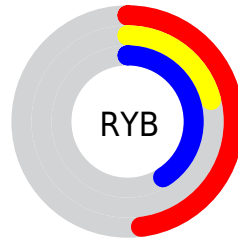
Distribution



Red (48%)

Green (21%)

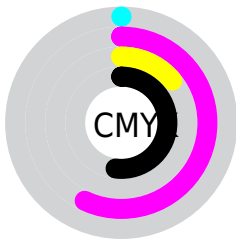
Blue (41%)



Red (48%)

Yellow (21%)

Blue (41%)

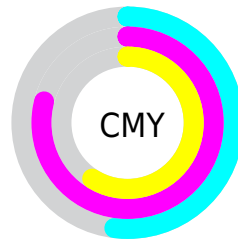


Cyan (0%)

Magenta (57%)

Yellow (14%)

Black (52%)



Cyan (52%)

Magenta (79%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 53, 105 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 122, 53, 105 by changing the saturation by 10% instead.


 122, 53, 105

 122, 53, 105

255, 255, 255

 96, 28, 81


 176, 103, 156

 71, 0, 58

 204, 129, 183

 48, 0, 36

 233, 156, 211

 15, 0, 12

 255, 183, 239

 0, 0, 0

 255, 211, 255

 255, 240, 255

 122, 53, 105

 122, 53, 105

 122, 41, 102

 122, 65, 108

■ 122, 29, 99

■ 122, 77, 111

■ 122, 16, 96

■ 122, 90, 114

■ 122, 4, 93

■ 122, 102, 117

■ 122, 0, 92

■ 122, 114, 120

■ 122, 125, 126

■ 122, 135, 138

■ 122, 145, 151

■ 122, 155, 163

Harmonies

Analogous

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



88, 67, 131



122, 53, 105



136, 47, 73

Triad

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



122, 53, 105



14, 88, 4



0, 51, 115

Complementary

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



122, 53, 105



53, 108, 122

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, 50, 94



122, 53, 105



22, 87, 54

Square

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



122, 53, 105



109, 115, 16



0, 59, 92



0, 54, 137

Rectangle

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



122, 53, 105



135, 50, 52



0, 59, 92



0, 50, 106

Sweetspot

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



122, 53, 105



158, 131, 151



69, 53, 122



79, 63, 75



207, 207, 207



79, 79, 79

Same Dimension

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



122, 53, 105



158, 51, 132



122, 53, 71



61, 55, 60



125, 0, 94



252, 0, 190

Inverse Universe

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



122, 53, 105



158, 51, 132



53, 93, 122



61, 55, 60



125, 0, 94



252, 0, 190

Previews

White Background



This preview shows how the RYB color 122, 53, 105 looks on a white background.

Color Contrast Check

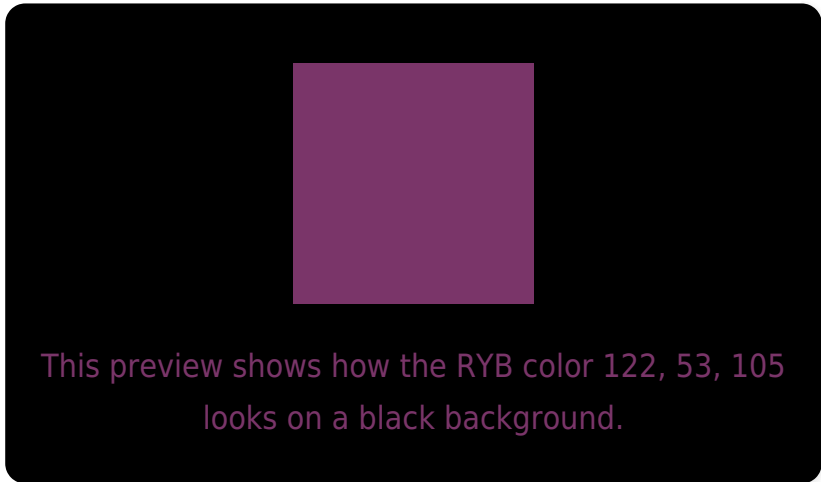
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

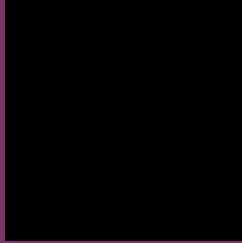
Any Text WCAG AA × Fail

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 122, 53, 105 Background



This preview shows how black text looks on a background with the RYB color 122, 53, 105.



This preview shows how white text looks on a background with the RYB color 122, 53, 105.

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
122, 53, 105

Protanopia
62, 75, 125

Deuteranopia
75, 78, 101



Tritanopia
118, 62, 67

Trichromacy



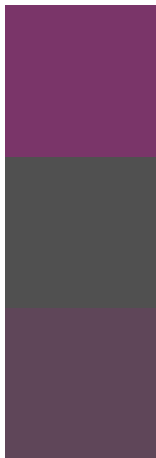
Original Color
122, 53, 105

Protanomaly
84, 69, 118

Deuteranomaly
92, 69, 102

Tritanomaly
119, 59, 81

Monochromacy



Original Color
122, 53, 105

Achromatopsia
80, 80, 80

Achromatomaly
95, 70, 89

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 53, 105 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(122, 53, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 53, 105)  
}
```

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(122, 53, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 53, 105) }
```

Border

The CSS property to change the border of an element to RYB 122, 53, 105 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(122, 53, 105) }
```

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

```
.border{ border-color:rgb(122, 53, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 53, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 53, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 53, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 53,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 122, 53, 105 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 53, 105) }
```

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

```
.background{ background-color: rgb(122, 53,  
105) }
```

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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