

Converting Colors

`RYB(131, 71, 111)`

Have a look what the booklet for
RYB(131, 71, 111) contains.

RYB(131, 71, 111)	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

$\text{RYB}(131, 71, 111)$

Conversions

Conversions Part 1

Format	Color
Hex	83476F
RGB	131, 71, 111
RGB Percent	51%, 28%, 44%
CMY	0.4863, 0.7216, 0.5647
CMYK	0.00, 0.46, 0.15, 0.49
HSL	320°, 30%, 40%
HSV	320°, 46%, 51%
XYZ	14.4826, 10.4795, 16.2984
YIQ	93.5000, 22.9200, 25.1600

Conversions

Conversions Part 2

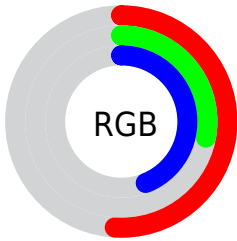
Format	Color
R_{YB}	131, 71, 111
Decimal	8603503
CIE _{Lab}	38.69, 31.33, -11.90
CIE _{LCh}	39, 33.511, 339.201
Yxy	10.4795, 0.3510, 0.2540
Android (android.graphics.Color)	4286793583 (0xFF83476F)
YUV	93.5000, 8.6275, 32.8875
Hunter-Lab	32.3720, 23.2061, -7.1904

Details

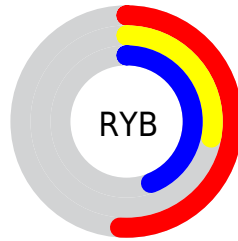
The RYB color **131, 71, 111** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **71, 116, 131**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **185, 121, 163**, and **80, 23, 63** is the 20% darker color. If you saturate the color by 10%, you get **131, 58, 107**, and if you desaturate by 10%, it is **131, 84, 115**.

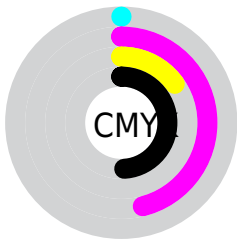
Distribution



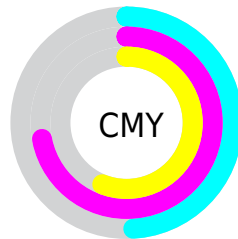
- Red (51%)
- Green (28%)
- Blue (44%)



- Red (51%)
- Yellow (28%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (72%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 71, 111 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 131, 71, 111 by changing the saturation by 10% instead.



131, 71, 111



131, 71, 111

255, 255, 255



105, 47, 87



185, 121, 163



80, 23, 63



214, 147, 190



55, 0, 41



242, 174, 218



35, 0, 21



255, 202, 246



0, 0, 0



255, 230, 255



131, 71, 111



131, 71, 111



131, 58, 107



131, 84, 115



131, 45, 102



131, 97, 120

■ 131, 32, 98

■ 131, 110, 124

■ 131, 19, 94

■ 131, 123, 128

■ 131, 6, 89

■ 131, 136, 137

■ 131, 0, 87

■ 131, 145, 150

■ 131, 155, 163

■ 131, 165, 176

■ 131, 175, 189

Harmonies

Analogous

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



104, 81, 133



131, 71, 111



142, 68, 84

Triad

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



131, 71, 111



43, 99, 35



0, 57, 125

Complementary

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



131, 71, 111



71, 116, 131

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, 54, 105



131, 71, 111



47, 99, 76

Square

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



131, 71, 111



114, 122, 40



28, 76, 103



0, 58, 142

Rectangle

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



131, 71, 111



141, 71, 66



28, 76, 103



0, 55, 117

Sweetspot

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



131, 71, 111



171, 147, 163



91, 71, 131



87, 72, 82



214, 214, 214



87, 87, 87

Same Dimension

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



131, 71, 111



171, 77, 140



131, 71, 81



66, 60, 64



130, 0, 87



3, 0, 2

Inverse Universe

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



131, 71, 111



171, 77, 140



71, 104, 131



66, 60, 64



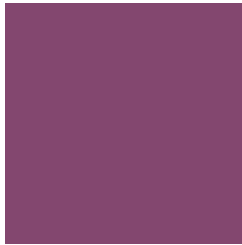
130, 0, 87



3, 0, 2

Previews

White Background



This preview shows how the RYB color 131, 71, 111 looks on a white background.

Color Contrast Check

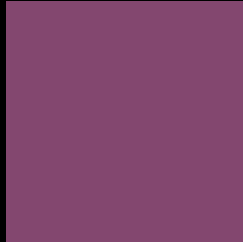
Large Text (above 18pt) WCAG AA ✓ Pass

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 131, 71, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

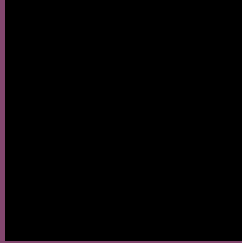
Any Text WCAG AA × Fail

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](#).

RGB 131, 71, 111 Background



This preview shows how black text looks on a background with the RGB color 131, 71, 111.

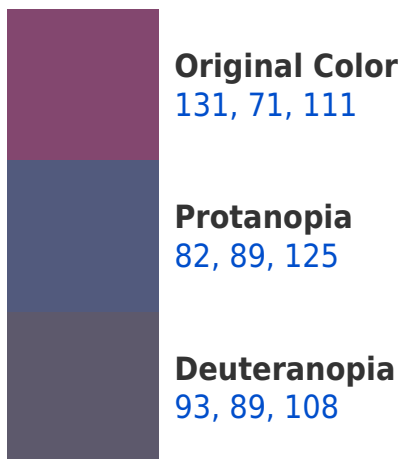


This preview shows how white text looks on a background with the RGB color 131, 71, 111.

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





Tritanopia
128, 77, 83

Trichromacy



Original Color
131, 71, 111

Protanomaly
100, 83, 120

Deuteranomaly
107, 82, 109

Tritanomaly
129, 75, 93

Monochromacy



Original Color
131, 71, 111

Achromatopsia
94, 94, 94

Achromatomaly
107, 86, 100

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 71, 111 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(131, 71, 111)` looks like.

```
.text, #text, p{  
    color:rgb(131, 71, 111)  
}
```

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(131, 71, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 71, 111) }
```

Border

The CSS property to change the border of an element to RYB 131, 71, 111 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(131, 71, 111) }
```

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

```
.border{ border-color:rgb(131, 71, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 71, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 71, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 71, 111); box-shadow:4px 4px 4px 4px rgb(131, 71, 111) }
```

Background

The CSS property to change the background color of an element to RGB 131, 71, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 71, 111) }
```

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

```
.background{ background-color: rgb(131, 71,  
111) }
```

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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