Converting Colors

RYB(130, 71, 120)

Have a look what the booklet for RYB(130, 71, 120) contains.

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Color

RYB(130, 71, 120)

Conversions

Format	Color
Hex	824778
RGB	130, 71, 120
RGB Percent	51%, 28%, 47%
CMY	0.4902, 0.7216, 0.5294
CMYK	0.00, 0.45, 0.08, 0.49
HSL	310°, 29%, 39%
HSV	310°, 45%, 51%
XYZ	14.8493, 10.6084, 19.0343
YIQ	94.2270, 19.4350, 27.7470

Conversions Part 1

Conversions

Conversions Part 2

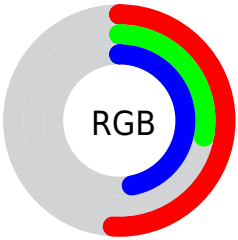
Format	Color
RYB	130, 71, 120
Decimal	8537976
CIELab	38.91, 32.60, -17.15
CIELCh	39, 36.837, 332.250
Yxy	10.6084, 0.3338, 0.2384
Android (android.graphics.Color)	4286728056 (0xFF824778)
YUV	94.2270, 12.7061, 31.3729
Hunter-Lab	32.5705, 24.3822, -11.8499

Details

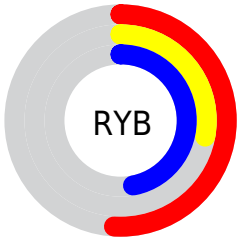
The RYB color 130, 71, 120 is a dark color, and the websafe version is hex 663366. A complement of this color would be 71, 121, 130, and the grayscale version is 94, 94, 94.

A 20% lighter version of the original color is 184, 121, 172, and 79, 23, 71 is the 20% darker color. If you saturate the color by 10%, you get 130, 58, 118, and if you desaturate by 10%, it is 130, 84, 122.

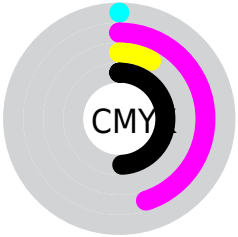
Distribution



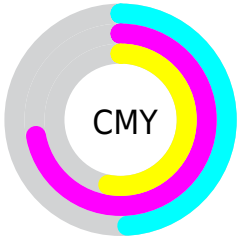
- Red (51%)
- Green (28%)
- Blue (47%)



- Red (51%)
- Yellow (28%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 71, 120 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 130, 71, 120 by changing the saturation by 10% instead.

130, 71, 120	130, 71, 120
255, 255, 255	104, 47, 95
184, 121, 172	79, 23, 71
212, 147, 200	55, 0, 49
241, 175, 228	35, 0, 28
255, 202, 255	0, 0, 0
255, 231, 255	

130, 71, 120	130, 71, 120
130, 58, 118	130, 84, 122
130, 45, 116	130, 97, 124

130, 32, 113

130, 19, 111

130, 6, 109

130, 0, 108

130, 110, 127

130, 123, 129

130, 135, 136

130, 146, 149

130, 158, 162

130, 168, 175

130, 179, 188

Harmonies

Analogous

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

96, 83, 142

130, 71, 120

146, 65, 91

Triad

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

130, 71, 120

47, 106, 28

0, 57, 123

Complementary

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

130, 71, 120

71, 121, 130

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, 56, 106

130, 71, 120

38, 99, 61

Square

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

130, 71, 120

130, 115, 38

32, 82, 104

0, 60, 144

Rectangle

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

130, 71, 120

147, 67, 71

32, 82, 104

0, 55, 113

Sweetspot

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

130, 71, 120

168, 145, 164

81, 71, 130

84, 70, 82

212, 212, 212

84, 84, 84

Same Dimension

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

130, 71, 120

168, 77, 153

130, 71, 91

64, 57, 63

128, 0, 106

0, 0, 0

Inverse Universe

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

130, 71, 120

168, 77, 153

71, 107, 130

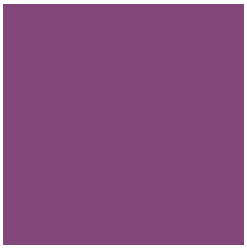
64, 57, 63

128, 0, 106

0, 0, 0

Previews

White Background

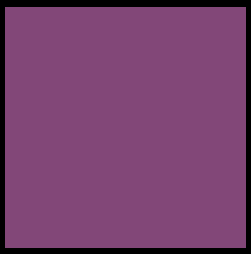


This preview shows how the RYB color 130, 71, 120 looks on a white background.

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



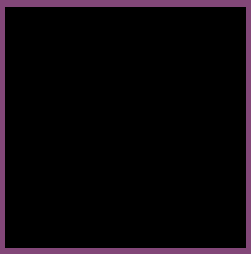
This preview shows how the RYB color 130, 71, 120 looks on a black background.

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.

RYB 130, 71, 120 Background



This preview shows how black text looks on a background with the RYB color 130, 71, 120.

This preview shows how white text looks on a background with the RYB color 130, 71, 120.

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
130, 71, 120

Protanopia
77, 88, 135

Deuteranopia
88, 90, 117

Tritanopia
126, 79, 85

Trichromacy

Original Color
130, 71, 120

Protanomaly
96, 84, 130

Deuteranomaly
103, 83, 118

Tritanomaly
127, 76, 98

Monochromacy

Original Color
130, 71, 120

Achromatopsia
94, 94, 94

Achromatomaly
107, 86, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 71, 120 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(130, 71, 120) looks like.

```
.text, #text, p{
    color:rgb(130, 71, 120)
}
```

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(130, 71, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 71, 120) }
```

Border

The CSS property to change the border of an element to RYB 130, 71, 120 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(130, 71, 120) }
```

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

```
.border{ border-color:rgb(130, 71, 120) }
```

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

Here you see how a box with a 4 pixel rgb(130, 71, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 71, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 71, 120); box-shadow:4px 4px 4px 4px rgb(130, 71, 120) }
```

Background

The CSS property to change the background color of an element to RYB 130, 71, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 71, 120) }
```

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

```
.background{ background-color:rgb(130, 71,
120) }
```

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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