

Converting Colors

R_YB(84, 70, 134)

Have a look what the booklet for
RYB(84, 70, 134) contains.

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Color

R_YB(84, 70, 134)

Conversions

Conversions Part 1

Format	Color
Hex	544686
RGB	84, 70, 134
RGB Percent	33%, 27%, 53%
CMY	0.6706, 0.7255, 0.4745
CMYK	0.37, 0.48, 0.00, 0.47
HSL	253°, 31%, 40%
HSV	253°, 48%, 53%
XYZ	10.1494, 7.9864, 23.5608
YIQ	81.4820, -12.2000, 22.8720

Conversions

Conversions Part 2

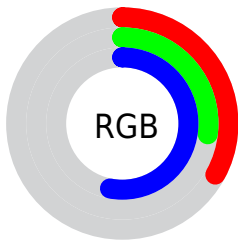
Format	Color
R_{YB}	84, 70, 134
Decimal	5523078
CIE _{Lab}	33.95, 21.89, -33.94
CIE _{LCh}	34, 40.390, 302.820
Yxy	7.9864, 0.2434, 0.1915
Android (android.graphics.Color)	4283713158 (0xFF544686)
YUV	81.4820, 25.8914, 2.2083
Hunter-Lab	28.2602, 14.6515, -29.6487

Details

The RYB color **84, 70, 134** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70, 134, 84**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **136, 119, 188**, and **34, 26, 84** is the 20% darker color. If you saturate the color by 10%, you get **74, 57, 134**, and if you desaturate by 10%, it is **94, 83, 134**.

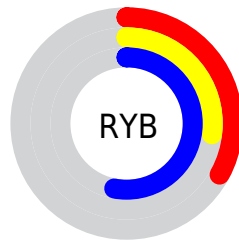
Distribution



Red (33%)

Green (27%)

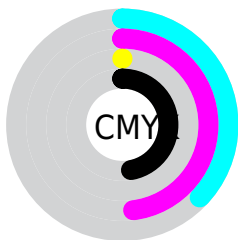
Blue (53%)



Red (33%)

Yellow (27%)

Blue (53%)

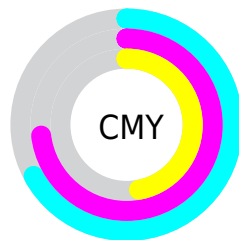


Cyan (37%)

Magenta (48%)

Yellow (0%)

Black (47%)



Cyan (67%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 84, 70, 134 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 84, 70, 134 by changing the saturation by 10% instead.



84, 70, 134



84, 70, 134

255, 255, 255



59, 47, 108



136, 119, 188



34, 26, 84



163, 144, 216



8, 3, 60



191, 171, 244



0, 2, 38



219, 198, 255



0, 1, 15



248, 226, 255



0, 0, 0



84, 70, 134



84, 70, 134



74, 57, 134



94, 83, 134



63, 43, 134



105, 97, 134

■ 53, 30, 134

■ 115, 110, 134

■ 42, 16, 134

■ 126, 124, 134

■ 32, 3, 134

■ 134, 137, 135

■ 29, 0, 134

■ 134, 150, 137

■ 134, 164, 141

■ 134, 177, 143

■ 134, 191, 147

Harmonies

Analogous

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



0, 53, 144



84, 70, 134



121, 56, 110

Triad

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



84, 70, 134



119, 108, 21



0, 51, 95

Complementary

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



84, 70, 134



70, 134, 84

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, 61, 93



84, 70, 134



22, 93, 5

Square

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



84, 70, 134



135, 55, 47



20, 88, 48



0, 52, 114

Rectangle

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



84, 70, 134



133, 50, 89



20, 88, 48



0, 54, 94

Sweetspot

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



84, 70, 134



154, 149, 173



70, 98, 134



75, 72, 87



214, 214, 214



87, 87, 87

Same Dimension

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



84, 70, 134



96, 75, 173



116, 70, 134



61, 60, 66



28, 0, 130



1, 0, 3

Inverse Universe

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



134, 70, 120



173, 75, 152



70, 134, 116



66, 60, 65



130, 0, 102



3, 0, 2

Previews

White Background



This preview shows how the RYB color 84, 70, 134 looks on a white background.

Color Contrast Check

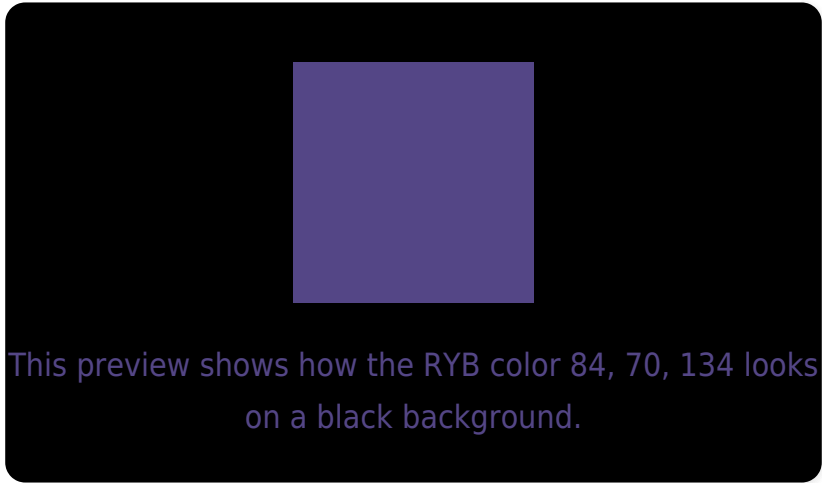
Large Text (above 18pt) WCAG AA ✓ Pass

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

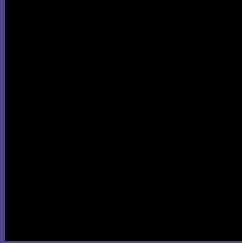
Any Text WCAG AA × Fail

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](#).

R Y B 84, 70, 134 Background



This preview shows how black text looks on a background with the R Y B color 84, 70, 134.

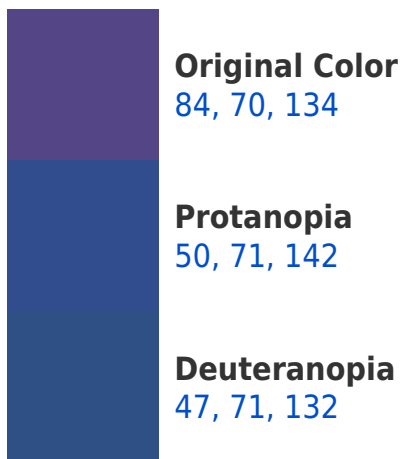


This preview shows how white text looks on a background with the R Y B color 84, 70, 134.

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

74, 79, 87

Trichromacy



Original Color
84, 70, 134

Protanomaly
62, 73, 139

Deuteranomaly
60, 73, 133

Tritanomaly
78, 77, 104

Monochromacy



Original Color
84, 70, 134

Achromatopsia
81, 81, 81

Achromatomaly
82, 77, 100

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 70, 134 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(84, 70, 134)` looks like.

```
.text, #text, p{  
    color:rgb(84, 70, 134)  
}
```

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(84, 70, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 70, 134) }
```

Border

The CSS property to change the border of an element to RYB 84, 70, 134 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(84, 70, 134) }
```

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

```
.border{ border-color:rgb(84, 70, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 70, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 70, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 70, 134);  
box-shadow:4px 4px 4px 4px rgb(84, 70,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 84, 70, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 70, 134) }
```

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

```
.background{ background-color: rgb(84, 70,  
134) }
```

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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