

Converting Colors

`RYB(73, 131, 116)`

Have a look what the booklet for
RYB(73, 131, 116) contains.

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Color

R_YB(73, 131, 116)

Conversions

Conversions Part 1

Format	Color
Hex	588349
RGB	88, 131, 73
RGB Percent	35%, 51%, 29%
CMY	0.6549, 0.4863, 0.7137
CMYK	0.33, 0.00, 0.44, 0.49
HSL	104°, 28%, 40%
HSV	104°, 44%, 51%
XYZ	13.3434, 18.7883, 9.2266
YIQ	111.5310, -7.0100, -27.1540

Conversions

Conversions Part 2

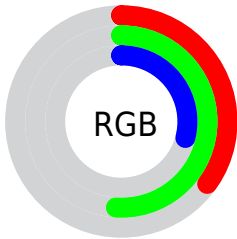
Format	Color
RYB	73, 131, 116
Decimal	5800777
CIELab	50.44, -26.51, 26.70
CIELCh	50, 37.627, 134.792
Yxy	18.7883, 0.3226, 0.4543
Android (android.graphics.Color)	4283990857 (0xFF588349)
YUV	111.5310, -18.9958, -20.6367
Hunter-Lab	43.3455, -20.9056, 17.7213

Details

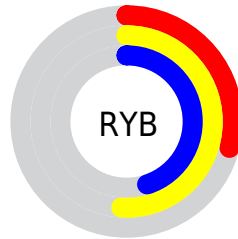
The RYB color **73, 131, 116** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **116, 73, 131**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **123, 184, 167**, and **27, 81, 69** is the 20% darker color. If you saturate the color by 10%, you get **60, 131, 113**, and if you desaturate by 10%, it is **86, 131, 119**.

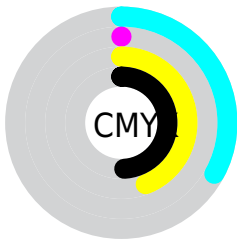
Distribution



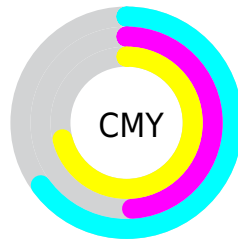
- Red (35%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (65%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 131, 116 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 73, 131, 116 by changing the saturation by 10% instead.



73, 131, 116



73, 131, 116

255, 255, 255



50, 106, 93



123, 184, 167



27, 81, 69



149, 212, 194



3, 58, 47



175, 241, 222



0, 36, 36



203, 255, 235



0, 3, 3



231, 255, 235



0, 0, 0



73, 131, 116



73, 131, 116



60, 131, 113



86, 131, 119



47, 131, 109



99, 131, 123

■ 34, 131, 106

■ 112, 131, 126

■ 21, 131, 103

■ 125, 131, 129

■ 8, 131, 100

■ 137, 131, 139

■ 0, 131, 97

■ 146, 131, 152

■ 156, 131, 165

■ 166, 131, 178

■ 175, 131, 191

Harmonies

Analogous

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



57, 124, 56



73, 131, 116



37, 96, 135

Triad

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



73, 131, 116



0, 75, 181



181, 94, 105

Complementary

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



73, 131, 116



116, 73, 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.



171, 96, 138



73, 131, 116



96, 114, 182

Square

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



73, 131, 116



0, 74, 164



143, 105, 166



174, 110, 76

Rectangle

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



73, 131, 116



0, 71, 136



143, 105, 166



180, 93, 116

Sweetspot

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



73, 131, 116



149, 171, 166



93, 131, 73



73, 87, 84



214, 214, 214



87, 87, 87

Same Dimension

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



73, 131, 116



80, 171, 147



73, 120, 131



60, 66, 65



0, 130, 96



0, 3, 2

Inverse Universe

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



116, 73, 131



147, 80, 171



131, 73, 117



65, 60, 66



96, 0, 130



2, 0, 3

Previews

White Background



This preview shows how the RYB color 73, 131, 116 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 73, 131, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

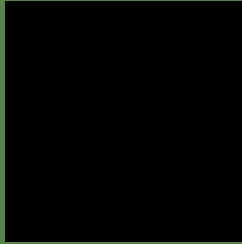
Any Text WCAG AA ✓ Pass

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](#).

R Y B 73, 131, 116 Background



This preview shows how black text looks on a background with the R Y B color 73, 131, 116.



This preview shows how white text looks on a background with the R Y B color 73, 131, 116.

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


73, 131, 116

Protanopia

82, 131, 69

Deuteranopia

131, 144, 77



Tritanopia
98, 113, 134

Trichromacy



Original Color

73, 131, 116

Protanomaly

70, 124, 79

Deuteranomaly

80, 124, 76

Tritanomaly

94, 115, 127

Monochromacy



Original Color

73, 131, 116

Achromatopsia

112, 112, 112

Achromatomaly

98, 119, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 131, 116 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(88, 131, 73)` looks like.

```
.text, #text, p{  
    color:rgb(88, 131, 73)  
}
```

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(88, 131, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 131, 73) }
```

Border

The CSS property to change the border of an element to RYB 73, 131, 116 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(88, 131, 73) }
```

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

```
.border{ border-color:rgb(88, 131, 73) }
```

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

Here you see how a box with a 4 pixel rgb(88, 131, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 131, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 131, 73);  
box-shadow:4px 4px 4px 4px rgb(88, 131,  
73) }
```

Background

The CSS property to change the background color of an element to RYB 73, 131, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 131, 73) }
```

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

```
.background{ background-color: rgb(88, 131,  
73) }
```

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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