

Converting Colors

`RYB(73, 112, 129)`

Have a look what the booklet for
RYB(73, 112, 129) contains.

| | |
|--|----|
| RYB(73, 112, 129) | 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(73, 112, 129)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 498161 |
| RGB | 73, 129, 97 |
| RGB Percent | 29%, 51%, 38% |
| CMY | 0.7137, 0.4941, 0.6180 |
| CMYK | 0.43, 0.00, 0.24, 0.49 |
| HSL | 146°, 28%, 40% |
| HSV | 146°, 43%, 51% |
| XYZ | 12.7748, 17.9877, 14.2085 |
| YIQ | 108.6080, -23.1040, -21.8240 |

Conversions

Conversions Part 2

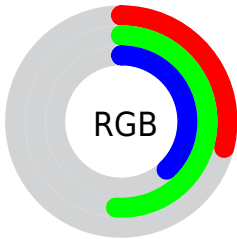
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 73, 112, 129 |
| Decimal | 4817249 |
| CIELab | 49.48, -26.13, 11.45 |
| CIELCh | 49, 28.528, 156.327 |
| Yxy | 17.9877, 0.2841, 0.4000 |
| Android (android.graphics.Color) | 4283007329 (0xFF498161) |
| YUV | 108.6080, -5.7227, -31.2282 |
| Hunter-Lab | 42.4119, -20.4555, 9.8255 |

Details

The RYB color **73, 112, 129** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129, 73, 105**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **124, 165, 182**, and **22, 60, 79** is the 20% darker color. If you saturate the color by 10%, you get **60, 108, 129**, and if you desaturate by 10%, it is **86, 116, 129**.

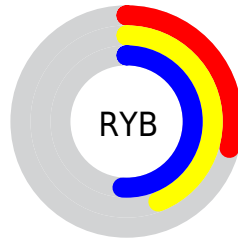
Distribution



Red (29%)

Green (51%)

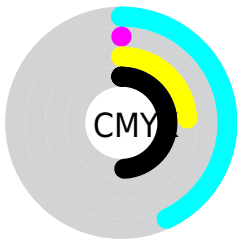
Blue (38%)



Red (29%)

Yellow (44%)

Blue (51%)

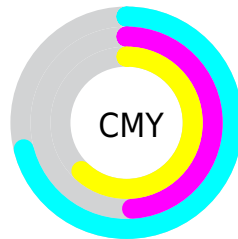


Cyan (43%)

Magenta (0%)

Yellow (24%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 112, 129 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, 112, 129 by changing the saturation by 10% instead.



73, 112, 129



73, 112, 129

255, 255, 255



48, 86, 104



124, 165, 182



22, 60, 79



151, 193, 210



0, 36, 56



178, 221, 238



0, 31, 35



206, 239, 255



0, 0, 0



235, 245, 255



73, 112, 129



73, 112, 129



60, 108, 129



86, 116, 129



47, 104, 129



99, 120, 129

■ 34, 100, 129

■ 112, 124, 129

■ 21, 96, 129

■ 125, 128, 129

■ 9, 93, 129

■ 138, 129, 134

■ 0, 90, 129

■ 150, 129, 141

■ 163, 129, 148

■ 176, 129, 156

■ 189, 129, 163

Harmonies

Analogous

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



78, 125, 100



73, 112, 129



39, 87, 131

Triad

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



73, 112, 129



91, 111, 165



163, 104, 90

Complementary

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



73, 112, 129



129, 73, 105

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.



164, 99, 113



73, 112, 129



127, 109, 157

Square

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



73, 112, 129



49, 94, 161



152, 102, 138



150, 142, 74

Rectangle

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



73, 112, 129



18, 76, 138



152, 102, 138



165, 100, 97

Sweetspot

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



73, 112, 129



146, 161, 168



73, 129, 97



71, 80, 84



212, 212, 212



84, 84, 84

Same Dimension

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



73, 112, 129



81, 142, 168



73, 102, 129



57, 62, 64



0, 89, 128



0, 0, 0

Inverse Universe

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



129, 73, 105



168, 81, 130



129, 73, 77



64, 57, 61



128, 0, 72



0, 0, 0

Previews

White Background



This preview shows how the RYB color 73, 112, 129 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 73, 112, 129 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, 112, 129 Background



This preview shows how black text looks on a background with the R Y B color 73, 112, 129.



This preview shows how white text looks on a background with the R Y B color 73, 112, 129.

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, 112, 129

Protanopia

103, 125, 92

Deuteranopia

134, 120, 101



Tritanopia
82, 105, 134

Trichromacy



Original Color

73, 112, 129

Protanomaly

94, 121, 109

Deuteranomaly

100, 119, 107

Tritanomaly

79, 104, 126

Monochromacy



Original Color

73, 112, 129

Achromatopsia

109, 109, 109

Achromatomaly

96, 110, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 112, 129 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(73, 129, 97)` looks like.

```
.text, #text, p{  
    color:rgb(73, 129, 97)  
}
```

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(73, 129, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 129, 97) }
```

Border

The CSS property to change the border of an element to RYB 73, 112, 129 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(73, 129, 97) }
```

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

```
.border{ border-color:rgb(73, 129, 97) }
```

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

Here you see how a box with a 4 pixel rgb(73, 129, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 129, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 129, 97);  
box-shadow:4px 4px 4px 4px rgb(73, 129,  
97) }
```

Background

The CSS property to change the background color of an element to RGB 73, 129, 97 is called "background".

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

```
.background, #background, body{  
background: rgb(73, 129, 97) }
```

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

```
.background{ background-color: rgb(73, 129,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor