

Converting Colors

`RYB(73, 109, 142)`

Have a look what the booklet for
RYB(73, 109, 142) contains.

RYB(73, 109, 142)	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, 109, 142)

Conversions

Conversions Part 1

Format	Color
Hex	498E88
RGB	73, 142, 136
RGB Percent	29%, 56%, 53%
CMY	0.7137, 0.4431, 0.4657
CMYK	0.49, 0.00, 0.04, 0.44
HSL	175°, 32%, 42%
HSV	175°, 49%, 56%
XYZ	16.8824, 22.5472, 26.8481
YIQ	120.6850, -39.1980, -16.4940

Conversions

Conversions Part 2

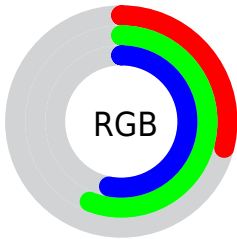
Format	Color
RYB	73, 109, 142
Decimal	4820616
CIELab	54.60, -23.26, -3.69
CIELCh	55, 23.551, 189.003
Yxy	22.5472, 0.2547, 0.3402
Android (android.graphics.Color)	4283010696 (0xFF498E88)
YUV	120.6850, 7.5503, -41.8197
Hunter-Lab	47.4839, -19.6329, -0.2847

Details

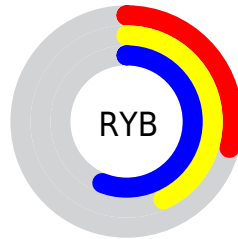
The RYB color **73, 109, 142** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **142, 73, 79**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **127, 163, 196**, and **12, 53, 91** is the 20% darker color. If you saturate the color by 10%, you get **59, 102, 142**, and if you desaturate by 10%, it is **87, 116, 142**.

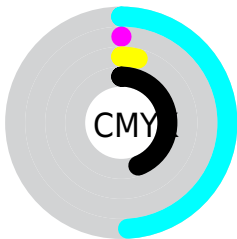
Distribution



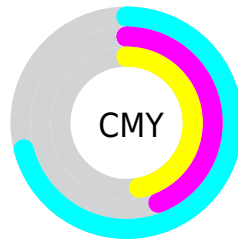
- Red (29%)
- Green (56%)
- Blue (53%)



- Red (29%)
- Yellow (43%)
- Blue (56%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (71%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 109, 142 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, 109, 142 by changing the saturation by 10% instead.

 73, 109, 142  73, 109, 142

255, 255, 255  46, 82, 116

 127, 163, 196  12, 53, 91

 154, 191, 224  0, 35, 67

 182, 219, 253  0, 23, 45

 210, 233, 255  0, 14, 25

 239, 247, 255  0, 0, 0

 73, 109, 142  73, 109, 142

 59, 102, 142  87, 116, 142

 45, 96, 142  101, 122, 142

■ 30, 88, 142

■ 116, 130, 142

■ 16, 82, 142

■ 130, 136, 142

■ 2, 75, 142

■ 144, 142, 142

■ 0, 74, 142

■ 158, 142, 143

■ 172, 142, 145

■ 187, 142, 146

■ 201, 142, 147

Harmonies

Analogous

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



93, 126, 141



73, 109, 142



68, 108, 156

Triad

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



73, 109, 142



141, 123, 162



158, 152, 93

Complementary

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



73, 109, 142



142, 73, 79

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.



169, 121, 106



73, 109, 142



162, 117, 146

Square

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



73, 109, 142



113, 126, 171



171, 116, 125



100, 139, 90

Rectangle

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



73, 109, 142



77, 113, 165



171, 116, 125



162, 139, 96

Sweetspot

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



73, 109, 142



156, 171, 184



73, 142, 136



75, 84, 92



219, 219, 219



92, 92, 92

Same Dimension

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



73, 109, 142



77, 133, 184



73, 98, 142



64, 68, 71



0, 70, 135



0, 4, 8

Inverse Universe

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



142, 73, 79



184, 77, 86



142, 123, 73



71, 64, 65



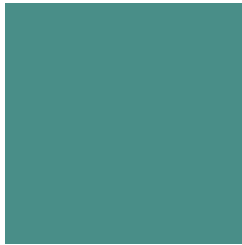
135, 0, 11



8, 0, 1

Previews

White Background



This preview shows how the RYB color 73, 109, 142 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, 109, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

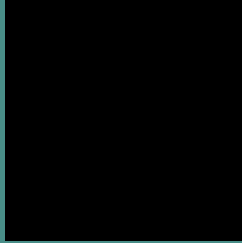
Any Text WCAG AA ✓ Pass

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, 109, 142 Background



This preview shows how black text looks on a background with the R Y B color 73, 109, 142.

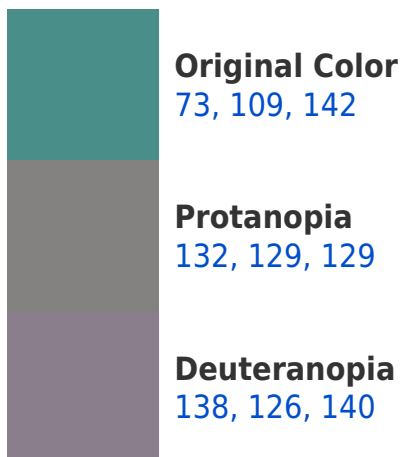


This preview shows how white text looks on a background with the R Y B color 73, 109, 142.

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](#).

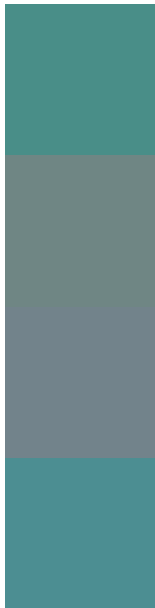
Dichromacy





Tritanopia
78, 112, 151

Trichromacy



Original Color

73, 109, 142

Protanomaly

111, 123, 134

Deuteranomaly

114, 124, 139

Tritanomaly

76, 110, 146

Monochromacy



Original Color

73, 109, 142

Achromatopsia

121, 121, 121

Achromatomaly

104, 117, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 109, 142 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, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(73, 142, 136)  
}
```

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, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 142, 136) }
```

Border

The CSS property to change the border of an element to RYB 73, 109, 142 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, 142, 136) }
```

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

```
.border{ border-color:rgb(73, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(73, 142,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 73, 109, 142 is called "background".

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

```
.background, #background, body{  
background: rgb(73, 142, 136) }
```

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

```
.background{ background-color: rgb(73, 142,  
136) }
```

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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