

Converting Colors

`RYB(79, 109, 138)`

Have a look what the booklet for
RYB(79, 109, 138) contains.

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Color

R_YB(79, 109, 138)

Conversions

Conversions Part 1

Format	Color
Hex	4F8A88
RGB	79, 138, 136
RGB Percent	31%, 54%, 53%
CMY	0.6902, 0.4588, 0.4665
CMYK	0.43, 0.00, 0.01, 0.46
HSL	178°, 27%, 43%
HSV	178°, 43%, 54%
XYZ	16.7592, 21.6177, 26.5943
YIQ	120.1310, -34.5220, -13.1300

Conversions

Conversions Part 2

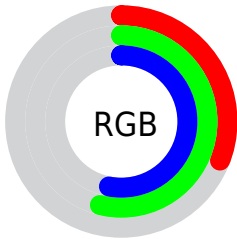
Format	Color
R_{YB}	79, 109, 138
Decimal	5212808
CIE _{Lab}	53.62, -19.71, -4.99
CIE _{LCh}	54, 20.326, 194.197
Yxy	21.6177, 0.2579, 0.3327
Android (android.graphics.Color)	4283402888 (0xFF4F8A88)
YUV	120.1310, 7.8234, -36.0719
Hunter-Lab	46.4949, -17.0251, -1.3665

Details

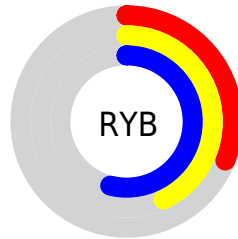
The RYB color **79, 109, 138** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **138, 79, 81**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **132, 163, 192**, and **25, 57, 88** is the 20% darker color. If you saturate the color by 10%, you get **65, 102, 138**, and if you desaturate by 10%, it is **93, 116, 138**.

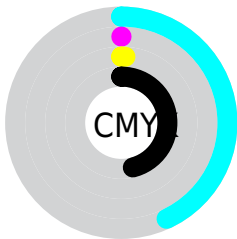
Distribution



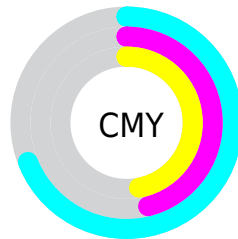
- Red (31%)
- Green (54%)
- Blue (53%)



- Red (31%)
- Yellow (43%)
- Blue (54%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (69%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 109, 138 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 79, 109, 138 by changing the saturation by 10% instead.



79, 109, 138



79, 109, 138

255, 255, 255



53, 83, 112



132, 163, 192



25, 57, 88



159, 190, 220



0, 32, 64



187, 218, 248



0, 21, 42



215, 235, 255



0, 11, 22



244, 250, 255



0, 0, 0



79, 109, 138



79, 109, 138



65, 102, 138



93, 116, 138



51, 95, 138



107, 123, 138

■ 38, 89, 138

■ 120, 129, 138

■ 24, 82, 138

■ 134, 136, 138

■ 10, 75, 138

■ 148, 138, 138

■ 0, 70, 138

■ 162, 138, 139

■ 176, 138, 139

■ 189, 138, 140

■ 203, 138, 140

Harmonies

Analogous

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



93, 121, 137



79, 109, 138



78, 111, 152

Triad

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



79, 109, 138



141, 121, 153



142, 149, 95

Complementary

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



79, 109, 138



138, 79, 81

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.



161, 123, 104



79, 109, 138



157, 116, 138

Square

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



79, 109, 138



118, 125, 162



164, 116, 120



96, 132, 94

Rectangle

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



79, 109, 138



88, 116, 159



164, 116, 120



154, 142, 97

Sweetspot

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



79, 109, 138



155, 167, 179



79, 138, 136



75, 82, 89



217, 217, 217



89, 89, 89

Same Dimension

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



79, 109, 138



87, 134, 179



79, 99, 138



62, 66, 69



0, 68, 133



0, 3, 5

Inverse Universe

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



138, 79, 81



179, 87, 90



138, 132, 79



69, 62, 62



133, 0, 4



5, 0, 0

Previews

White Background



This preview shows how the RYB color 79, 109, 138 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 79, 109, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

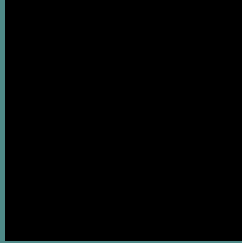
Any Text WCAG AA ✓ Pass

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](#).

RYB 79, 109, 138 Background



This preview shows how black text looks on a background with the RYB color 79, 109, 138.



This preview shows how white text looks on a background with the RYB color 79, 109, 138.

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
79, 109, 138

Protanopia
129, 127, 129

Deuteranopia
135, 124, 139



Tritanopia

82, 111, 147

Trichromacy



Original Color
79, 109, 138

Protanomaly
111, 121, 132

Deuteranomaly
115, 124, 138

Tritanomaly
81, 110, 143

Monochromacy



Original Color
79, 109, 138

Achromatopsia
120, 120, 120

Achromatomaly
105, 116, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 109, 138 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(79, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(79, 138, 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(79, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 138, 136) }
```

Border

The CSS property to change the border of an element to RYB 79, 109, 138 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(79, 138, 136) }
```

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

```
.border{ border-color:rgb(79, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(79, 138,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 79, 109, 138 is called "background".

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

```
.background, #background, body{  
background: rgb(79, 138, 136) }
```

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

```
.background{ background-color: rgb(79, 138,  
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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