

Converting Colors

`RYB(79, 101, 108)`

Have a look what the booklet for
RYB(79, 101, 108) contains.

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Color

RYB(79, 101, 108)

Conversions

Conversions Part 1	
Format	Color
Hex	4F6C58
RGB	79, 108, 88
RGB Percent	31%, 42%, 35%
CMY	0.6902, 0.5765, 0.6540
CMYK	0.27, 0.00, 0.18, 0.58
HSL	139°, 16%, 37%
HSV	139°, 27%, 42%
XYZ	10.3579, 13.0957, 11.2638
YIQ	97.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

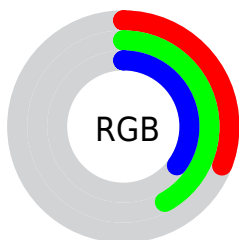
Format	Color
RYB	79, 101, 108
Decimal	5205080
CIELab	42.91, -15.08, 7.68
CIELCh	43, 16.926, 153.026
Yxy	13.0957, 0.2983, 0.3772
Android (android.graphics.Color)	4283395160 (0xFF4F6C58)
YUV	97.0490, -4.4612, -15.8290
Hunter-Lab	36.1880, -12.2380, 6.8772

Details

The RYB color **79, 101, 108** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **108, 79, 99**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **129, 153, 160**, and **33, 53, 60** is the 20% darker color. If you saturate the color by 10%, you get **68, 98, 108**, and if you desaturate by 10%, it is **90, 104, 108**.

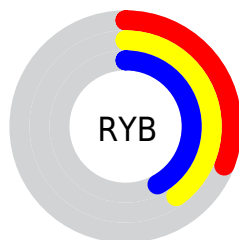
Distribution



Red (31%)

Green (42%)

Blue (35%)



Red (31%)

Yellow (40%)

Blue (42%)

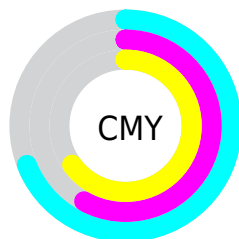


Cyan (27%)

Magenta (0%)

Yellow (18%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 101, 108 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, 101, 108 by changing the saturation by 10% instead.



79, 101, 108



79, 101, 108

255, 255, 255



56, 77, 84



129, 153, 160



33, 53, 60



155, 180, 187



11, 30, 38



182, 206, 214



0, 18, 18



210, 236, 243



0, 0, 0



238, 249, 255



79, 101, 108



79, 101, 108



68, 98, 108







90, 104, 108



57, 96, 108



101, 106, 108

 47, 94, 108 111, 108, 110 36, 91, 108 122, 108, 118 25, 88, 108 133, 108, 125 14, 85, 108 144, 108, 132 3, 82, 108 155, 108, 140 0, 82, 108 165, 108, 147 176, 108, 155

Harmonies

Analogous

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



78, 105, 88



79, 101, 108



66, 89, 109

Triad

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



79, 101, 108



86, 98, 129



129, 93, 87

Complementary

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



79, 101, 108



108, 79, 99

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.



129, 91, 100



79, 101, 108



105, 97, 125

Square

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



79, 101, 108



69, 91, 126



121, 93, 114



122, 110, 77

Rectangle

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



79, 101, 108



61, 86, 112



121, 93, 114



130, 92, 91

Sweetspot

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



79, 101, 108



129, 137, 140



79, 108, 88



64, 69, 71



199, 199, 199



71, 71, 71

Same Dimension

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



79, 101, 108



95, 129, 140



79, 95, 108



48, 53, 54



0, 89, 117



0, 186, 245

Inverse Universe

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



108, 79, 99



140, 95, 126



108, 79, 84



54, 48, 52



117, 0, 80



245, 0, 167

Previews

White Background



This preview shows how the RYB color 79, 101, 108 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 79, 101, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

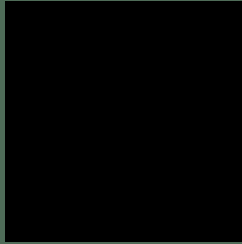
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 79, 101, 108 Background



This preview shows how black text looks on a background with the RYB color 79, 101, 108.



This preview shows how white text looks on a background with the RYB color 79, 101, 108.

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, 101, 108

Protanopia

93, 107, 85

Deuteranopia

115, 100, 90



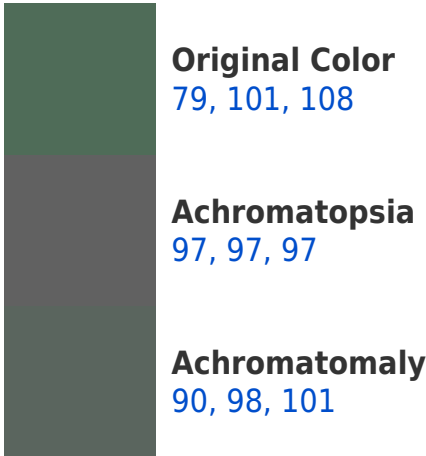
Tritanopia

84, 96, 113

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 101, 108 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, 108, 88) looks like.

```
.text, #text, p{  
    color:rgb(79, 108, 88)  
}
```

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, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 108, 88) }
```

Border

The CSS property to change the border of an element to RYB 79, 101, 108 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, 108, 88) }
```

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

```
.border{ border-color:rgb(79, 108, 88) }
```

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

Here you see how a box with a 4 pixel rgb(79, 108, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(79, 108,  
88) }
```

Background

The CSS property to change the background color of an element to RGB 79, 101, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 108, 88) }
```

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

```
.background{ background-color: rgb(79, 108,  
88) }
```

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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