

Converting Colors

RGB(79, 102, 107)

Have a look what the booklet for
RGB(79, 102, 107) contains.

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Color

RGB(79, 102, 107)

Conversions

Conversions Part 1

Format	Color
Hex	4F666B
RGB	79, 102, 107
RGB Percent	31%, 40%, 42%
CMY	0.6902, 0.6000, 0.5804
CMYK	0.26, 0.05, 0.00, 0.58
HSL	191°, 15%, 36%
HSV	191°, 26%, 42%
XYZ	10.6297, 12.2265, 15.7096
YIQ	95.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

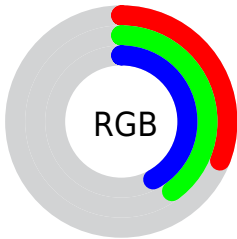
Format	Color
RYB	79, 92, 107
Decimal	5203563
CIELab	41.57, -7.27, -5.63
CIELCh	42, 9.194, 217.776
Yxy	12.2265, 0.2756, 0.3170
Android (android.graphics.Color)	4283393643 (0xFF4F666B)
YUV	95.6930, 5.5744, -14.6398
Hunter-Lab	34.9665, -6.9281, -2.1611

Details

The RGB color **79, 102, 107** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107, 84, 79**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **129, 153, 158**, and **33, 55, 60** is the 20% darker color. If you saturate the color by 10%, you get **68, 100, 107**, and if you desaturate by 10%, it is **90, 104, 107**.

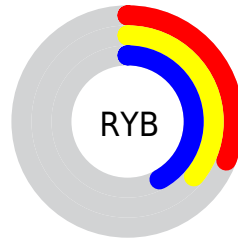
Distribution



Red (31%)

Green (40%)

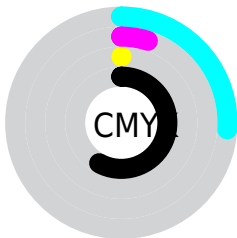
Blue (42%)



Red (31%)

Yellow (36%)

Blue (42%)

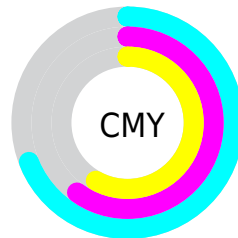


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (58%)



Cyan (69%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 102, 107 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 RGB color 79, 102, 107 by changing the saturation by 10% instead.



79, 102, 107



79, 102, 107

255, 255, 255



56, 78, 83



129, 153, 158



33, 55, 60



155, 180, 185



11, 34, 38



182, 207, 213



0, 12, 17



210, 236, 241



0, 0, 0



238, 255, 255



79, 102, 107



79, 102, 107



68, 100, 107



90, 104, 107



58, 98, 107



100, 106, 107

■ 47, 96, 107

■ 111, 108, 107

■ 36, 94, 107

■ 122, 110, 107

■ 26, 92, 107

■ 133, 112, 107

■ 15, 91, 107

■ 143, 113, 107

■ 4, 89, 107

■ 154, 115, 107

■ 0, 88, 107

■ 165, 117, 107

■ 175, 119, 107

Harmonies

Analogous

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



80, 103, 100



79, 102, 107



84, 100, 112

Triad

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



79, 102, 107



110, 94, 104



102, 98, 83

Complementary

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



79, 102, 107



107, 84, 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.



109, 96, 84



79, 102, 107



114, 93, 96

Square

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



79, 102, 107



102, 96, 110



114, 94, 89



94, 100, 86

Rectangle

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



79, 102, 107



89, 99, 113



114, 94, 89



105, 97, 83

Sweetspot

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



79, 102, 107



129, 138, 140



79, 107, 84



64, 70, 71



199, 199, 199



71, 71, 71

Same Dimension

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



79, 102, 107



97, 132, 140



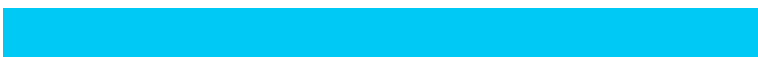
79, 88, 107



48, 53, 54



0, 96, 117



0, 201, 245

Inverse Universe

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



107, 79, 102



140, 97, 132



107, 98, 79



54, 48, 53



117, 0, 96



245, 0, 201

Previews

White Background



This preview shows how the RGB color 79, 102, 107 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 RGB color 79, 102, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

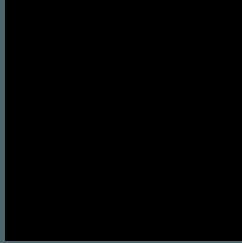
Any Text WCAG AA × Fail

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](#).

RGB 79, 102, 107 Background



This preview shows how black text looks on a background with the RGB color 79, 102, 107.



This preview shows how white text looks on a background with the RGB color 79, 102, 107.

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, 102, 107

Protanopia

98, 97, 104

Deuteranopia

102, 95, 108



Tritanopia
80, 102, 110

Trichromacy



Original Color

79, 102, 107

Protanomaly

91, 99, 105

Deuteranomaly

94, 98, 108

Tritanomaly

80, 102, 109

Monochromacy



Original Color

79, 102, 107

Achromatopsia

96, 96, 96

Achromatomaly

90, 98, 100

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 102, 107 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, 102, 107)` looks like.

```
.text, #text, p{  
    color:rgb(79, 102, 107)  
}
```

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, 102, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 102, 107) }
```

Border

The CSS property to change the border of an element to RGB 79, 102, 107 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, 102, 107) }
```

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

```
.border{ border-color:rgb(79, 102, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 102, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 102, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 102, 107);  
box-shadow:4px 4px 4px 4px rgb(79, 102,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 79, 102, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 102, 107) }
```

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

```
.background{ background-color: rgb(79, 102,  
107) }
```

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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