

Converting Colors

`RYB(0, 115, 108)`

Have a look what the booklet for
RYB(0, 115, 108) contains.

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Color

`RYB(0, 115, 108)`

Conversions

Conversions Part 1

Format	Color
Hex	077300
RGB	7, 115, 0
RGB Percent	3%, 45%, 0%
CMY	0.9725, 0.5490, 1.0000
CMYK	0.94, 0.00, 1.00, 0.55
HSL	116°, 100%, 23%
HSV	116°, 100%, 45%
XYZ	6.2184, 12.3066, 2.0477
YIQ	69.5980, -27.4530, -58.6610

Conversions

Conversions Part 2

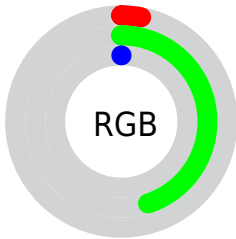
Format	Color
RYB	0, 115, 108
Decimal	488192
CIELab	41.70, -47.23, 46.30
CIELCh	42, 66.137, 135.573
Yxy	12.3066, 0.3023, 0.5982
Android (android.graphics.Color)	4278678272 (0xFF077300)
YUV	69.5980, -34.3118, -54.8984
Hunter-Lab	35.0808, -29.7509, 21.0958

Details

The RYB color **0, 115, 108** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **108, 0, 115**, and the grayscale version is **70, 70, 70**.

A 20% lighter version of the original color is **60, 168, 149**, and **0, 65, 65** is the 20% darker color. If you saturate the color by 10%, you get **0, 115, 108**, and if you desaturate by 10%, it is **11, 115, 108**.

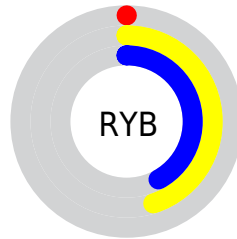
Distribution



Red (3%)

Green (45%)

Blue (0%)



Red (0%)

Yellow (45%)

Blue (42%)

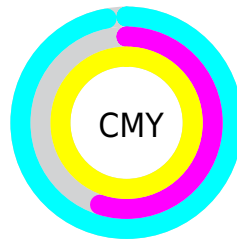


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (97%)

















Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RYB color 0, 115, 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 0, 115, 108 by changing the saturation by 10% instead.

 0, 115, 108	 0, 115, 108
 251, 255, 251	 0, 90, 90
 60, 168, 149	 0, 65, 65
 86, 196, 174	 0, 44, 44
 112, 224, 200	 0, 12, 12
 139, 253, 228	 0, 0, 0
 166, 255, 228	
 194, 255, 227	
 222, 255, 225	
 0, 115, 108	

■ 11, 115, 108

■ 23, 115, 109

■ 35, 115, 111

■ 46, 115, 111

■ 58, 115, 112

■ 69, 115, 112

■ 81, 115, 113

■ 92, 115, 114

■ 104, 115, 115

Harmonies

Analogous

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



0, 105, 11



0, 115, 108



0, 76, 120

Triad

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



0, 115, 108



0, 72, 205



192, 24, 73

Complementary

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



0, 115, 108



108, 0, 115

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.



180, 32, 127



0, 115, 108



0, 65, 205

Square

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



0, 115, 108



0, 71, 176



134, 68, 176



176, 71, 19

Rectangle

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



0, 115, 108



0, 64, 121



134, 68, 176



191, 18, 91

Sweetspot

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



0, 115, 108



105, 150, 147



9, 115, 0



49, 77, 75



204, 204, 204



77, 77, 77

Same Dimension

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



0, 115, 108



0, 150, 141



0, 80, 115



53, 59, 59



0, 122, 115



0, 250, 235

Inverse Universe

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



108, 0, 115



141, 0, 150



115, 0, 65



58, 53, 59



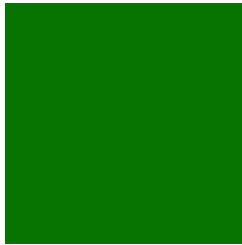
115, 0, 122



235, 0, 250

Previews

White Background



This preview shows how the RYB color 0, 115, 108 looks on a white background.

Color Contrast Check

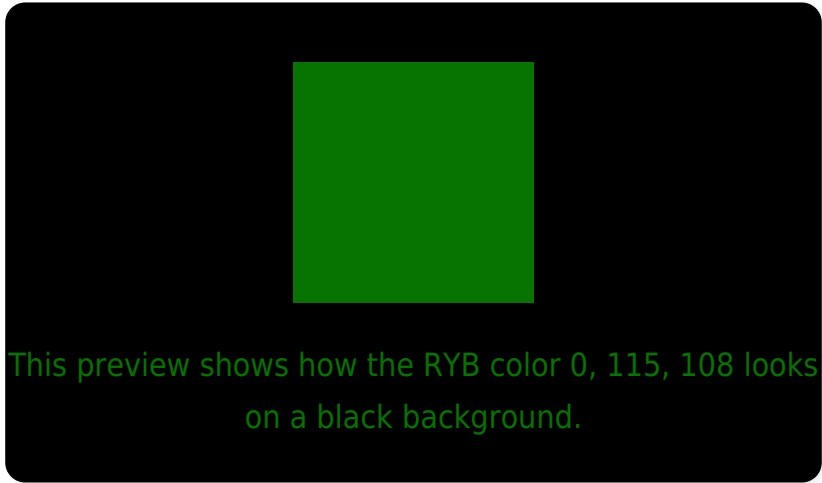
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

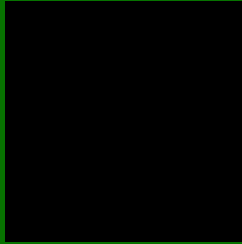
Any Text WCAG AA × Fail

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](#).

R Y B 0, 115, 108 Background



This preview shows how black text looks on a background with the R Y B color 0, 115, 108.



This preview shows how white text looks on a background with the R Y B color 0, 115, 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
0, 115, 108

Protanopia
15, 111, 0

Deuteranopia
68, 123, 25



Tritanopia
49, 80, 116

Trichromacy



Original Color

0, 115, 108

Protanomaly

0, 104, 31

Deuteranomaly

16, 101, 36

Tritanomaly

34, 84, 110

Monochromacy



Original Color

0, 115, 108

Achromatopsia

70, 70, 70

Achromatomaly

45, 86, 84

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 115, 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(7, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 115, 0)  
}
```

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(7, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 115, 0) }
```

Border

The CSS property to change the border of an element to RYB 0, 115, 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(7, 115, 0) }
```

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

```
.border{ border-color:rgb(7, 115, 0) }
```

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

Here you see how a box with a 4 pixel rgb(7, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 115, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 115, 0); box-shadow:4px  
4px 4px 4px rgb(7, 115, 0) }
```

Background

The CSS property to change the background color of an element to RGB 7, 115, 0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 115, 0) }
```

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

```
.background{ background-color: rgb(7, 115,  
0) }
```

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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