

Converting Colors

RYB(74, 99, 111)

Have a look what the booklet for
RYB(74, 99, 111) contains.

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Color

RYB(74, 99, 111)

Conversions

Conversions Part 1

Format	Color
Hex	4A6F5C
RGB	74, 111, 92
RGB Percent	29%, 44%, 36%
CMY	0.7098, 0.5647, 0.6402
CMYK	0.33, 0.00, 0.17, 0.56
HSL	149°, 20%, 36%
HSV	149°, 33%, 44%
XYZ	10.4298, 13.5932, 12.1443
YIQ	97.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

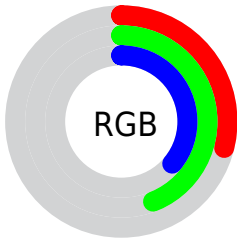
Format	Color
R_{YB}	74, 99, 111
Decimal	4878172
CIE Lab	43.64, -17.71, 6.56
CIE LCh	44, 18.885, 159.668
Yxy	13.5932, 0.2884, 0.3758
Android (android.graphics.Color)	4283068252 (0xFF4A6F5C)
YUV	97.7710, -2.8451, -20.8472
Hunter-Lab	36.8690, -14.0254, 6.2787

Details

The RYB color **74, 99, 111** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **111, 74, 93**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **124, 151, 163**, and **27, 51, 63** is the 20% darker color. If you saturate the color by 10%, you get **63, 95, 111**, and if you desaturate by 10%, it is **85, 102, 111**.

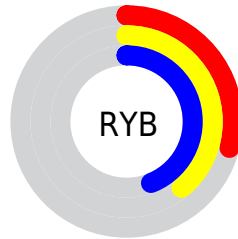
Distribution



Red (29%)

Green (44%)

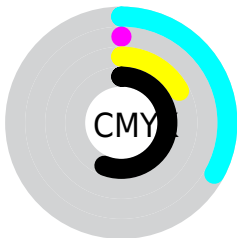
Blue (36%)



Red (29%)

Yellow (39%)

Blue (44%)

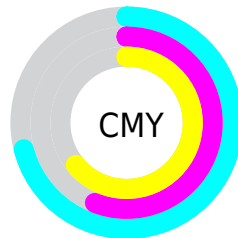


Cyan (33%)

Magenta (0%)

Yellow (17%)

Black (56%)



Cyan (71%)














Magenta (56%)







Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 74, 99, 111 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 74, 99, 111 by changing the saturation by 10% instead.

 74, 99, 111	 74, 99, 111
 255, 255, 255	 50, 74, 86
 124, 151, 163	 27, 51, 63
 150, 178, 190	 4, 28, 41
 177, 205, 218	 0, 21, 21
 205, 233, 246	 0, 0, 0
 233, 245, 255	

 74, 99, 111	 74, 99, 111
 63, 95, 111	 85, 102, 111
 52, 92, 111	 96, 106, 111

■ 41, 89, 111

■ 107, 110, 111

■ 30, 85, 111

■ 118, 111, 115

■ 19, 81, 111

■ 130, 111, 121

■ 7, 77, 111

■ 141, 111, 126

■ 0, 75, 111

■ 152, 111, 132

■ 163, 111, 138

■ 174, 111, 144

Harmonies

Analogous

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



79, 108, 95



74, 99, 111



59, 87, 112

Triad

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



74, 99, 111



91, 100, 134



133, 97, 84

Complementary

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



74, 99, 111



111, 74, 93

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.



134, 92, 99



74, 99, 111



112, 97, 127

Square

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



74, 99, 111



69, 93, 132



127, 93, 114



124, 124, 74

Rectangle

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



74, 99, 111



55, 85, 118



127, 93, 114



134, 94, 88

Sweetspot

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



74, 99, 111



131, 140, 145



74, 111, 91



65, 71, 74



201, 201, 201



74, 74, 74

Same Dimension

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



74, 99, 111



87, 126, 145



74, 93, 111



50, 54, 56



0, 81, 120



0, 167, 247

Inverse Universe

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



111, 74, 93



145, 87, 117



111, 74, 75



56, 50, 53



120, 0, 62



247, 0, 129

Previews

White Background



This preview shows how the RYB color 74, 99, 111 looks on a white background.

Color Contrast Check

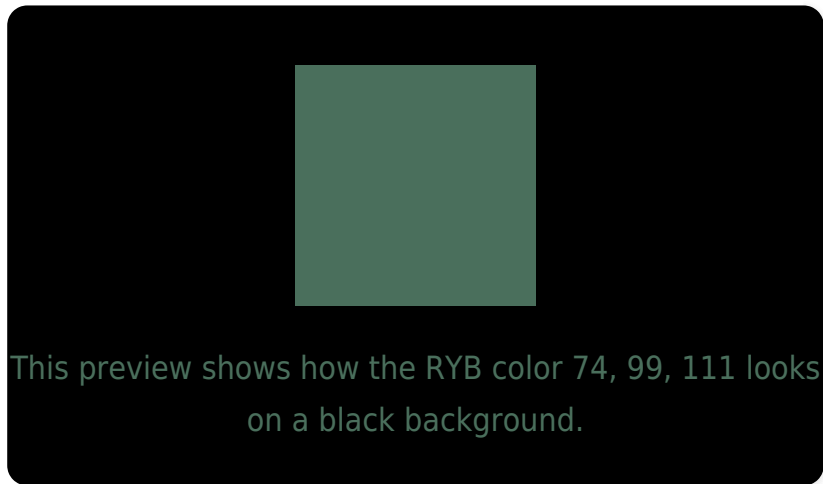
Large Text (above 18pt) WCAG AA ✓ Pass

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

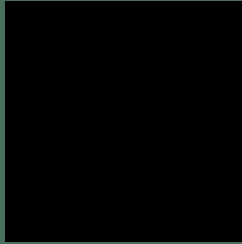
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

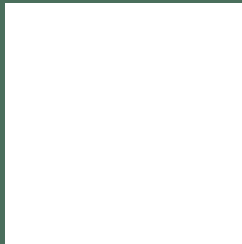
Any Text WCAG AAA × Fail

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

RYB 74, 99, 111 Background



This preview shows how black text looks on a background with the RYB color 74, 99, 111.



This preview shows how white text looks on a background with the RYB color 74, 99, 111.

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

74, 99, 111

Protanopia

95, 108, 87

Deuteranopia

116, 100, 94



Tritanopia
79, 95, 116

Trichromacy



Original Color

74, 99, 111

Protanomaly

89, 105, 98

Deuteranomaly

93, 103, 95

Tritanomaly

77, 94, 109

Monochromacy



Original Color

74, 99, 111

Achromatopsia

98, 98, 98

Achromatomaly

89, 98, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 99, 111 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(74, 111, 92)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 92)  
}
```

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(74, 111, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 92) }
```

Border

The CSS property to change the border of an element to RYB 74, 99, 111 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(74, 111, 92) }
```

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

```
.border{ border-color:rgb(74, 111, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 111, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 92);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
92) }
```

Background

The CSS property to change the background color of an element to RYB 74, 99, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 92) }
```

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

```
.background{ background-color: rgb(74, 111,  
92) }
```

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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