

Converting Colors

`RYB(74, 115, 135)`

Have a look what the booklet for
RYB(74, 115, 135) contains.

RYB(74, 115, 135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(74, 115, 135)

Conversions

Conversions Part 1

Format	Color
Hex	4A8768
RGB	74, 135, 104
RGB Percent	29%, 53%, 41%
CMY	0.7098, 0.4706, 0.5931
CMYK	0.45, 0.00, 0.23, 0.47
HSL	149°, 29%, 41%
HSV	149°, 45%, 53%
XYZ	13.9743, 19.7783, 16.1129
YIQ	113.2270, -26.4050, -22.5730

Conversions

Conversions Part 2

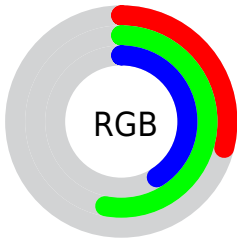
Format	Color
RYB	74, 115, 135
Decimal	4884328
CIELab	51.59, -27.42, 10.74
CIElCh	52, 29.449, 158.612
Yxy	19.7783, 0.2802, 0.3966
Android (android.graphics.Color)	4283074408 (0xFF4A8768)
YUV	113.2270, -4.5489, -34.4021
Hunter-Lab	44.4728, -21.7389, 9.6497

Details

The RYB color **74, 115, 135** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135, 74, 105**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **126, 169, 189**, and **21, 62, 85** is the 20% darker color. If you saturate the color by 10%, you get **61, 111, 135**, and if you desaturate by 10%, it is **88, 120, 135**.

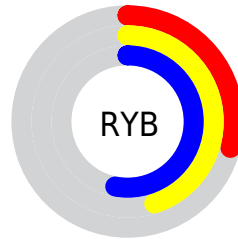
Distribution



Red (29%)

Green (53%)

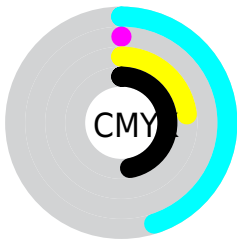
Blue (41%)



Red (29%)

Yellow (45%)

Blue (53%)

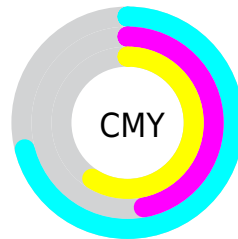


Cyan (45%)

Magenta (0%)

Yellow (23%)

Black (47%)



Cyan (71%)

Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 74, 115, 135 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, 115, 135 by changing the saturation by 10% instead.

■ 74, 115, 135 ■ 74, 115, 135

255, 255, 255 ■ 48, 88, 109

■ 126, 169, 189 ■ 21, 62, 85

■ 153, 197, 217 ■ 0, 39, 61

■ 180, 225, 245 ■ 0, 29, 39

■ 208, 237, 255 ■ 0, 11, 11

■ 237, 246, 255 ■ 0, 0, 0

■ 74, 115, 135 ■ 74, 115, 135

■ 61, 111, 135 ■ 88, 120, 135

■ 47, 106, 135 ■ 101, 124, 135

■ 33, 101, 135

■ 115, 128, 135

■ 20, 97, 135

■ 128, 133, 135

■ 6, 93, 135

■ 142, 135, 138

■ 0, 91, 135

■ 155, 135, 145

■ 169, 135, 152

■ 182, 135, 159

■ 196, 135, 166

Harmonies

Analogous

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



83, 131, 109



74, 115, 135



39, 90, 137

Triad

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



74, 115, 135



99, 117, 172



169, 110, 93

Complementary

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



74, 115, 135



135, 74, 105

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.



172, 103, 117



74, 115, 135



135, 114, 162

Square

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



74, 115, 135



55, 101, 169



161, 106, 142



155, 153, 76

Rectangle

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



74, 115, 135



17, 79, 146



161, 106, 142



171, 105, 100

Sweetspot

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



74, 115, 135



151, 168, 176



74, 135, 103



74, 84, 89



217, 217, 217



89, 89, 89

Same Dimension

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



74, 115, 135



81, 145, 176



74, 105, 135



60, 64, 66



0, 88, 130



0, 2, 3

Inverse Universe

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



135, 74, 105



176, 81, 130



135, 74, 75



66, 60, 63



130, 0, 67



3, 0, 1

Previews

White Background



This preview shows how the RYB color 74, 115, 135 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 74, 115, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

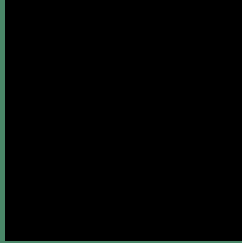
Any Text WCAG AA ✓ Pass

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](#).

R Y B 74, 115, 135 Background



This preview shows how black text looks on a background with the R Y B color 74, 115, 135.

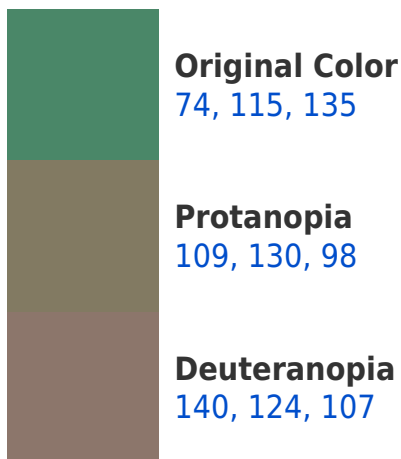


This preview shows how white text looks on a background with the R Y B color 74, 115, 135.

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





Tritanopia
83, 109, 141

Trichromacy



Original Color

74, 115, 135

Protanomaly

100, 127, 117

Deuteranomaly

106, 124, 114

Tritanomaly

80, 107, 132

Monochromacy



Original Color

74, 115, 135

Achromatopsia

113, 113, 113

Achromatomaly

99, 114, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 115, 135 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, 135, 104)` looks like.

```
.text, #text, p{  
    color:rgb(74, 135, 104)  
}
```

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, 135, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 135, 104) }
```

Border

The CSS property to change the border of an element to RYB 74, 115, 135 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, 135, 104) }
```

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

```
.border{ border-color:rgb(74, 135, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 135, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 135, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 135, 104);  
box-shadow:4px 4px 4px 4px rgb(74, 135,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 74, 135, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 135, 104) }
```

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

```
.background{ background-color: rgb(74, 135,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor