

Converting Colors

`RYB(74, 115, 136)`

Have a look what the booklet for
RYB(74, 115, 136) contains.

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Color

R_YB(74, 115, 136)

Conversions

Conversions Part 1

Format	Color
Hex	4A886A
RGB	74, 136, 106
RGB Percent	29%, 53%, 42%
CMY	0.7098, 0.4667, 0.5853
CMYK	0.46, 0.00, 0.22, 0.47
HSL	151°, 30%, 41%
HSV	151°, 46%, 53%
XYZ	14.2170, 20.0997, 16.6996
YIQ	114.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

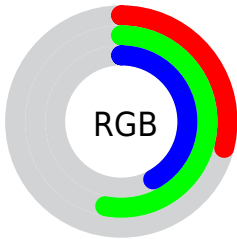
Format	Color
RYB	74, 115, 136
Decimal	4884586
CIELab	51.95, -27.47, 10.10
CIELCh	52, 29.268, 159.816
Yxy	20.0997, 0.2787, 0.3940
Android (android.graphics.Color)	4283074666 (0xFF4A886A)
YUV	114.0420, -3.9647, -35.1168
Hunter-Lab	44.8327, -21.8525, 9.2982

Details

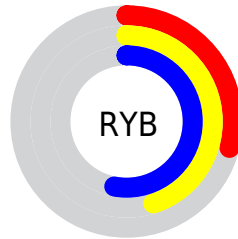
The RYB color **74, 115, 136** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **136, 74, 104**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **126, 169, 190**, and **21, 62, 86** is the 20% darker color. If you saturate the color by 10%, you get **60, 110, 136**, and if you desaturate by 10%, it is **88, 120, 136**.

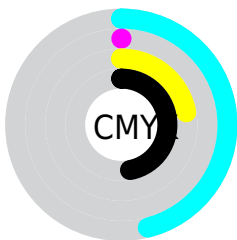
Distribution



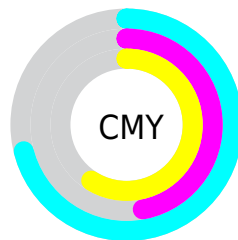
- Red (29%)
- Green (53%)
- Blue (42%)



- Red (29%)
- Yellow (45%)
- Blue (53%)



- Cyan (46%)
- Magenta (0%)
- Yellow (22%)
- Black (47%)



- Cyan (71%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 74, 115, 136 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, 136 by changing the saturation by 10% instead.



74, 115, 136



74, 115, 136

255, 255, 255



48, 88, 110



126, 169, 190



21, 62, 86



153, 197, 218



0, 39, 62



180, 224, 246



0, 29, 40



209, 236, 255



0, 13, 13



237, 246, 255



0, 0, 0



74, 115, 136



74, 115, 136



60, 110, 136



88, 120, 136



47, 106, 136



101, 124, 136

■ 33, 101, 136

■ 115, 129, 136

■ 20, 97, 136

■ 128, 133, 136

■ 6, 92, 136

■ 142, 136, 139

■ 0, 90, 136

■ 156, 136, 146

■ 169, 136, 152

■ 183, 136, 159

■ 196, 136, 165

Harmonies

Analogous

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



85, 132, 112



74, 115, 136



40, 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, 136



101, 118, 173



169, 112, 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, 136



136, 74, 104

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.



173, 104, 116



74, 115, 136



137, 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, 136



58, 102, 170



162, 107, 142



155, 155, 77

Rectangle

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



74, 115, 136



21, 82, 148



162, 107, 142



172, 108, 100

Sweetspot

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



74, 115, 136



151, 167, 176



74, 136, 105



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, 136



79, 143, 176



74, 105, 136



62, 67, 69



0, 88, 133



0, 3, 5

Inverse Universe

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



136, 74, 104



176, 79, 126



136, 74, 74



69, 62, 65



133, 0, 65



5, 0, 2

Previews

White Background



This preview shows how the RYB color 74, 115, 136 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, 136 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, 136 Background



This preview shows how black text looks on a background with the R Y B color 74, 115, 136.

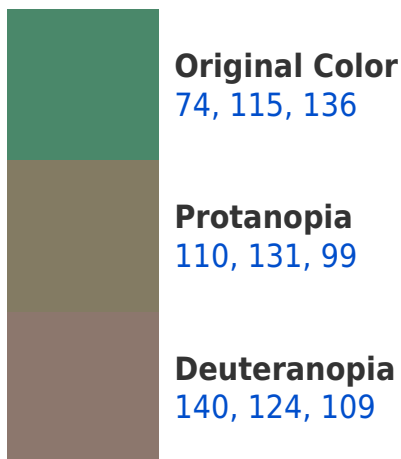


This preview shows how white text looks on a background with the R Y B color 74, 115, 136.

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, 142

Trichromacy



Original Color

74, 115, 136

Protanomaly

101, 128, 119

Deuteranomaly

108, 125, 117

Tritanomaly

80, 108, 133

Monochromacy



Original Color

74, 115, 136

Achromatopsia

114, 114, 114

Achromatomaly

99, 114, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 115, 136 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, 136, 106)` looks like.

```
.text, #text, p{  
    color:rgb(74, 136, 106)  
}
```

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, 136, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 136, 106) }
```

Border

The CSS property to change the border of an element to RYB 74, 115, 136 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, 136, 106) }
```

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

```
.border{ border-color:rgb(74, 136, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 136, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 136, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 136, 106);  
box-shadow:4px 4px 4px 4px rgb(74, 136,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 74, 136, 106 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 136, 106) }
```

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

```
.background{ background-color: rgb(74, 136,  
106) }
```

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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