

Converting Colors

`RYB(74, 101, 148)`

Have a look what the booklet for
RYB(74, 101, 148) contains.

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Color

RYP(74, 101, 148)

Conversions

Conversions Part 1

Format	Color
Hex	4A7594
RGB	74, 117, 148
RGB Percent	29%, 46%, 58%
CMY	0.7098, 0.5431, 0.4196
CMYK	0.50, 0.21, 0.00, 0.42
HSL	206°, 33%, 44%
HSV	206°, 50%, 58%
XYZ	14.4738, 16.2028, 30.3816
YIQ	107.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

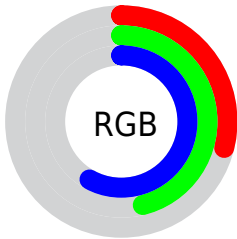
Format	Color
R_{YB}	74, 101, 148
Decimal	4879764
CIE _{Lab}	47.24, -5.58, -21.66
CIE _{LCh}	47, 22.365, 255.553
Yxy	16.2028, 0.2370, 0.2654
Android (android.graphics.Color)	4283069844 (0xFF4A7594)
YUV	107.6770, 19.8792, -29.5347
Hunter-Lab	40.2527, -6.2586, -16.5735

Details

The RYB color **74, 101, 148** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **148, 127, 74**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **127, 154, 202**, and **17, 49, 97** is the 20% darker color. If you saturate the color by 10%, you get **59, 91, 148**, and if you desaturate by 10%, it is **89, 111, 148**.

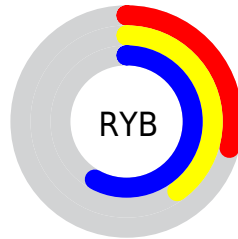
Distribution



 Red (29%)

 Green (46%)

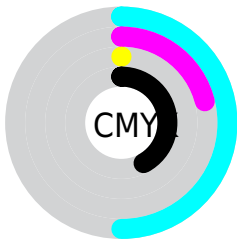
 Blue (58%)




 Red (29%)

 Yellow (40%)

 Blue (58%)

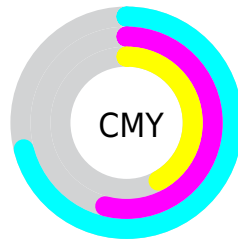


 Cyan (50%)

 Magenta (21%)

 Yellow (0%)

 Black (42%)



 Cyan (71%)

 Magenta (54%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 74, 101, 148 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, 101, 148 by changing the saturation by 10% instead.



74, 101, 148



74, 101, 148

255, 255, 255



47, 75, 122



127, 154, 202



17, 48, 97



154, 181, 230



0, 28, 73



182, 209, 255



0, 17, 51



210, 232, 255



0, 2, 30



239, 247, 255



0, 0, 0



74, 101, 148



74, 101, 148



59, 91, 148



89, 111, 148



44, 82, 148



104, 120, 148

■ 30, 73, 148

■ 118, 129, 148

■ 15, 63, 148

■ 133, 139, 148

■ 0, 54, 148

■ 148, 148, 148

■ 163, 158, 148

■ 178, 171, 148

■ 192, 181, 148

■ 207, 191, 148

Harmonies

Analogous

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



54, 91, 138



74, 101, 148



102, 109, 148

Triad

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



74, 101, 148



150, 98, 103



85, 119, 110

Complementary

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



74, 101, 148



148, 127, 74

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.



76, 115, 75



74, 101, 148



146, 108, 86

Square

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



74, 101, 148



143, 99, 122



121, 133, 76



72, 103, 122

Rectangle

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



74, 101, 148



119, 106, 143



121, 133, 76



81, 117, 97

Sweetspot

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



74, 101, 148



163, 173, 191



74, 126, 148



79, 85, 97



224, 224, 224



97, 97, 97

Same Dimension

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



74, 101, 148



77, 118, 191



74, 80, 148



67, 70, 74



0, 50, 138



0, 4, 10

Inverse Universe

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



148, 74, 117



191, 77, 142



81, 148, 74



74, 67, 71



138, 0, 79



10, 0, 6

Previews

White Background



This preview shows how the RYB color 74, 101, 148 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 RYB color 74, 101, 148 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

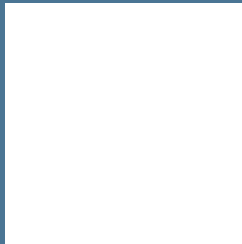
Any Text WCAG AAA × Fail

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

RYB 74, 101, 148 Background



This preview shows how black text looks on a background with the RYB color 74, 101, 148.

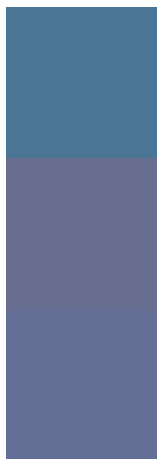


This preview shows how white text looks on a background with the RYB color 74, 101, 148.

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, 101, 148

Protanopia

103, 109, 143

Deuteranopia

101, 109, 149



Tritanopia
68, 96, 129

Trichromacy



Original Color

74, 101, 148

Protanomaly

92, 107, 145

Deuteranomaly

91, 106, 149

Tritanomaly

70, 98, 136

Monochromacy



Original Color

74, 101, 148

Achromatopsia

107, 107, 107

Achromatomaly

95, 105, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 101, 148 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, 117, 148)` looks like.

```
.text, #text, p{  
    color:rgb(74, 117, 148)  
}
```

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, 117, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 117, 148) }
```

Border

The CSS property to change the border of an element to RYB 74, 101, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

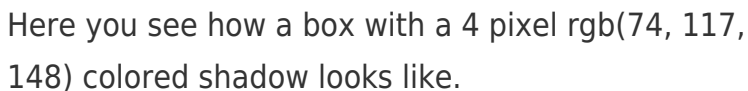
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 117, 148) }
```

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

```
.border{ border-color:rgb(74, 117, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(74, 117, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 117, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 117, 148); box-shadow:4px 4px 4px 4px rgb(74, 117, 148) }
```

Background

The CSS property to change the background color of an element to RYB 74, 101, 148 is called "background".

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

```
.background, #background, body{  
background: rgb(74, 117, 148) }
```

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

```
.background{ background-color: rgb(74, 117,  
148) }
```

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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