

Converting Colors

`RYB(116, 123, 143)`

Have a look what the booklet for
RYB(116, 123, 143) contains.

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Color

R_YB(116, 123, 143)

Conversions

Conversions Part 1

Format	Color
Hex	747D8F
RGB	116, 125, 143
RGB Percent	45%, 49%, 56%
CMY	0.5451, 0.5080, 0.4392
CMYK	0.19, 0.12, 0.00, 0.44
HSL	219°, 11%, 51%
HSV	219°, 19%, 56%
XYZ	19.5511, 20.4776, 28.9087
YIQ	124.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

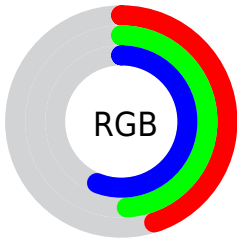
Format	Color
R_{YB}	116, 123, 143
Decimal	7634319
CIE Lab	52.37, 0.44, -10.66
CIE LCh	52, 10.669, 272.376
Yxy	20.4776, 0.2836, 0.2970
Android (android.graphics.Color)	4285824399 (0xFF747D8F)
YUV	124.3610, 9.1890, -7.3326
Hunter-Lab	45.2522, -2.0708, -6.2000

Details

The RYB color **116, 123, 143** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **130, 143, 116**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **168, 175, 197**, and **67, 74, 93** is the 20% darker color. If you saturate the color by 10%, you get **102, 112, 143**, and if you desaturate by 10%, it is **130, 134, 143**.

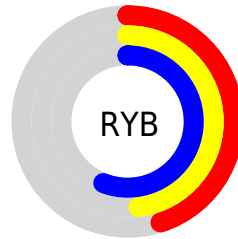
Distribution



Red (45%)

Green (49%)

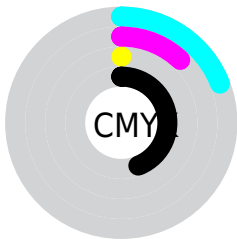
Blue (56%)



Red (45%)

Yellow (48%)

Blue (56%)

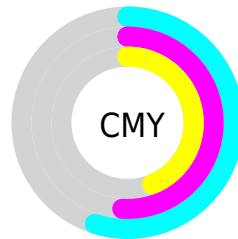


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 116, 123, 143 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 116, 123, 143 by changing the saturation by 10% instead.

■ 116, 123, 143

255, 255, 255

■ 168, 175, 197

■ 196, 203, 225

■ 224, 231, 253

■ 252, 254, 255

■ 116, 123, 143

■ 91, 98, 117

■ 67, 74, 93

■ 45, 52, 69

■ 23, 30, 47

■ 0, 7, 26

■ 0, 0, 0

■ 116, 123, 143

■ 102, 112, 143

■ 87, 102, 143

■ 116, 123, 143

■ 130, 134, 143

■ 145, 145, 143

■ 73, 91, 143

■ 153, 159, 143

■ 59, 81, 143

■ 158, 173, 143

■ 45, 70, 143

■ 168, 188, 143

■ 30, 60, 143

■ 176, 202, 143

■ 16, 49, 143

■ 181, 216, 143

■ 2, 38, 143

■ 189, 230, 143

■ 0, 37, 143

■ 199, 245, 143

Harmonies

Analogous

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



106, 120, 141



116, 123, 143



128, 122, 140

Triad

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



116, 123, 143



144, 119, 116



111, 125, 129

Complementary

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



116, 123, 143



130, 143, 116

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.



109, 127, 115



116, 123, 143



140, 131, 109

Square

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



116, 123, 143



144, 119, 125



117, 132, 107



104, 118, 130

Rectangle

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



116, 123, 143



135, 121, 136



117, 132, 107



114, 129, 129

Sweetspot

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



116, 123, 143



175, 178, 186



116, 132, 143



88, 90, 94



222, 222, 222



94, 94, 94

Same Dimension

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



116, 123, 143



143, 154, 186



120, 116, 143



64, 66, 71



0, 35, 135



0, 2, 8

Inverse Universe

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



143, 116, 125



186, 143, 158



116, 143, 120



71, 64, 67



135, 0, 47



8, 0, 3

Previews

White Background



This preview shows how the RYB color 116, 123, 143 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 116, 123, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

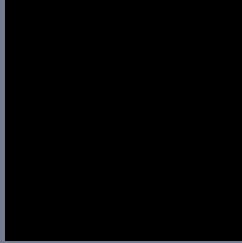
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

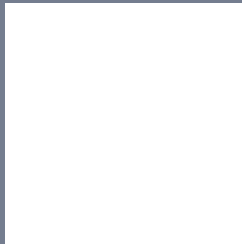
Any Text WCAG AAA × Fail

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

R Y B 116, 123, 143 Background



This preview shows how black text looks on a background with the R Y B color 116, 123, 143.



This preview shows how white text looks on a background with the R Y B color 116, 123, 143.

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](#).

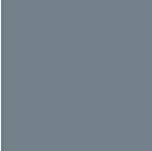
Dichromacy



Original Color
[116, 123, 143](#)

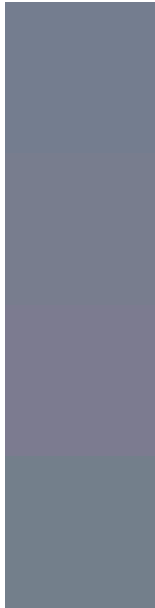
Protanopia
[122, 124, 142](#)

Deuteranopia
[128, 122, 144](#)



Tritanopia
115, 123, 137

Trichromacy



Original Color

116, 123, 143

Protanomaly

120, 124, 142

Deuteranomaly

124, 123, 144

Tritanomaly

115, 123, 139

Monochromacy



Original Color

116, 123, 143

Achromatopsia

125, 125, 125

Achromatomaly

122, 124, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 116, 123, 143 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(116, 125, 143) looks like.

```
.text, #text, p{  
    color:rgb(116, 125, 143)  
}
```

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(116, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 125, 143) }
```

Border

The CSS property to change the border of an element to RYB 116, 123, 143 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(116, 125, 143) }
```

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

```
.border{ border-color:rgb(116, 125, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 125, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 125, 143); box-shadow:4px 4px 4px 4px rgb(116, 125, 143) }
```

Background

The CSS property to change the background color of an element to RYB 116, 123, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 125, 143) }
```

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

```
.background{ background-color: rgb(116,  
125, 143) }
```

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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