

Converting Colors

`RYB(105, 123, 169)`

Have a look what the booklet for
RYB(105, 123, 169) contains.

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Color

R_YB(105, 123, 169)

Conversions

Conversions Part 1

Format	Color
Hex	6982A9
RGB	105, 130, 169
RGB Percent	41%, 51%, 66%
CMY	0.5882, 0.4900, 0.3373
CMYK	0.38, 0.23, 0.00, 0.34
HSL	217°, 27%, 54%
HSV	217°, 38%, 66%
XYZ	20.9755, 21.8447, 40.6470
YIQ	126.9710, -27.4190, 6.8290

Conversions

Conversions Part 2

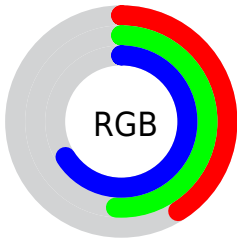
Format	Color
R_{YB}	105, 123, 169
Decimal	6914729
CIE _{Lab}	53.86, 1.03, -23.56
CIE _{LCh}	54, 23.579, 272.493
Yxy	21.8447, 0.2513, 0.2617
Android (android.graphics.Color)	4285104809 (0xFF6982A9)
YUV	126.9710, 20.7203, -19.2686
Hunter-Lab	46.7383, -1.6834, -18.8461

Details

The RYB color **105, 123, 169** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **146, 169, 105**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **158, 176, 224**, and **54, 73, 117** is the 20% darker color. If you saturate the color by 10%, you get **88, 111, 169**, and if you desaturate by 10%, it is **122, 135, 169**.

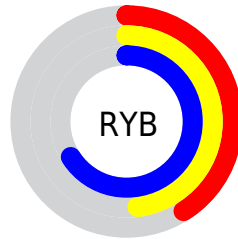
Distribution



Red (41%)

Green (51%)

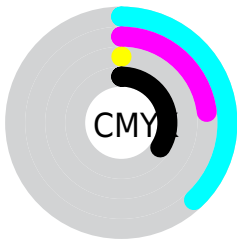
Blue (66%)



Red (41%)

Yellow (48%)

Blue (66%)

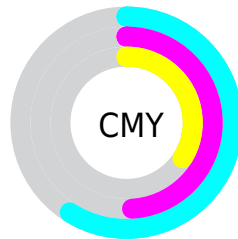


Cyan (38%)

Magenta (23%)

Yellow (0%)

Black (34%)



Cyan (59%)

Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 123, 169 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 105, 123, 169 by changing the saturation by 10% instead.

■ 105, 123, 169

255, 255, 255

■ 158, 176, 224

■ 186, 204, 253

■ 214, 230, 255

■ 243, 249, 255

■ 105, 123, 169

■ 79, 97, 142

■ 54, 73, 117

■ 28, 48, 92

■ 0, 24, 68

■ 0, 11, 46

■ 0, 1, 25

■ 0, 0, 0

■ 105, 123, 169

■ 88, 111, 169

■ 105, 123, 169

■ 122, 135, 169

■ 71, 98, 169

■ 139, 148, 169

■ 54, 86, 169

■ 156, 160, 169

■ 37, 74, 169

■ 173, 173, 169

■ 21, 63, 169

■ 182, 189, 169

■ 4, 50, 169

■ 192, 206, 169

■ 0, 47, 169

■ 203, 223, 169

■ 215, 240, 169

■ 220, 255, 169

Harmonies

Analogous

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



77, 112, 164



105, 123, 169



134, 123, 163

Triad

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



105, 123, 169



169, 117, 108



96, 128, 138

Complementary

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



105, 123, 169



146, 169, 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.



94, 134, 108



105, 123, 169



159, 142, 93

Square

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



105, 123, 169



168, 114, 128



107, 142, 88



75, 110, 140

Rectangle

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



105, 123, 169



150, 118, 154



107, 142, 88



103, 137, 136

Sweetspot

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



105, 123, 169



195, 202, 219



105, 145, 169



95, 99, 110



237, 237, 237



110, 110, 110

Same Dimension

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



105, 123, 169



121, 148, 219



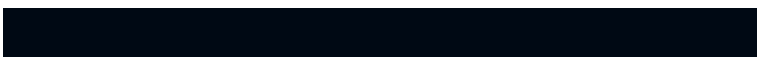
111, 105, 169



76, 78, 84



0, 42, 148



0, 6, 20

Inverse Universe

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



169, 105, 130



219, 121, 159



105, 169, 111



84, 76, 79



148, 0, 58



20, 0, 8

Previews

White Background



This preview shows how the RYB color 105, 123, 169 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 105, 123, 169 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

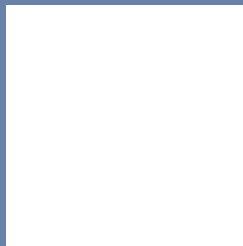
Any Text WCAG AAA × Fail

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

RYB 105, 123, 169 Background



This preview shows how black text looks on a background with the RYB color 105, 123, 169.

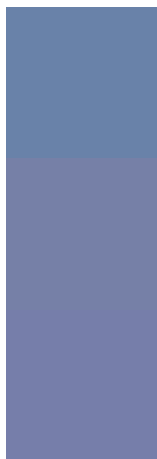


This preview shows how white text looks on a background with the RYB color 105, 123, 169.

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

105, 123, 169

Protanopia

118, 126, 167

Deuteranopia

118, 125, 170



Tritanopia
99, 119, 145

Trichromacy



Original Color
105, 123, 169

Protanomaly
113, 125, 168

Deuteranomaly
113, 124, 170

Tritanomaly
101, 121, 154

Monochromacy



Original Color
105, 123, 169

Achromatopsia
127, 127, 127

Achromatomaly
119, 125, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 123, 169 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(105, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(105, 130, 169)  
}
```

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(105, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 130, 169) }
```

Border

The CSS property to change the border of an element to RYB 105, 123, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

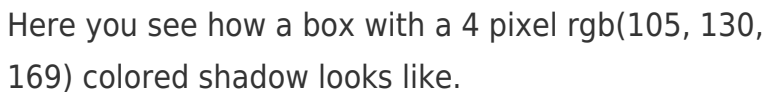
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 130, 169) }
```

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

```
.border{ border-color:rgb(105, 130, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 130, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 130, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 130, 169);  
box-shadow:4px 4px 4px 4px rgb(105, 130,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 105, 123, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 130, 169) }
```

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

```
.background{ background-color: rgb(105,  
130, 169) }
```

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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