

Converting Colors

`RYB(105, 125, 183)`

Have a look what the booklet for
RYB(105, 125, 183) contains.

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Color

`RYB(105, 125, 183)`

Conversions

Conversions Part 1

Format	Color
Hex	6984B7
RGB	105, 132, 183
RGB Percent	41%, 52%, 72%
CMY	0.5882, 0.4828, 0.2824
CMYK	0.43, 0.28, 0.00, 0.28
HSL	219°, 35%, 56%
HSV	219°, 43%, 72%
XYZ	22.6102, 22.8966, 48.0276
YIQ	129.7410, -32.4630, 10.1370

Conversions

Conversions Part 2

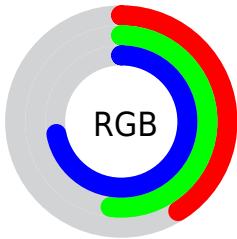
Format	Color
R_{YB}	105, 125, 183
Decimal	6915255
CIE _{Lab}	54.97, 3.92, -29.89
CIE _{LCh}	55, 30.145, 277.473
Yxy	22.8966, 0.2417, 0.2448
Android (android.graphics.Color)	4285105335 (0xFF6984B7)
YUV	129.7410, 26.2567, -21.6979
Hunter-Lab	47.8504, 0.6062, -26.0142

Details

The RYB color **105, 125, 183** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **146, 183, 105**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **159, 179, 239**, and **52, 74, 130** is the 20% darker color. If you saturate the color by 10%, you get **87, 112, 183**, and if you desaturate by 10%, it is **123, 139, 183**.

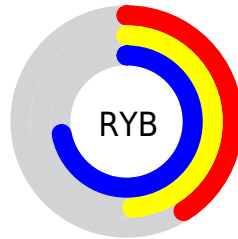
Distribution



Red (41%)

Green (52%)

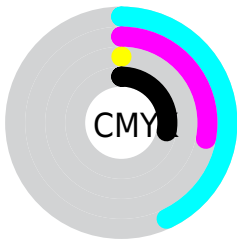
Blue (72%)



Red (41%)

Yellow (49%)

Blue (72%)

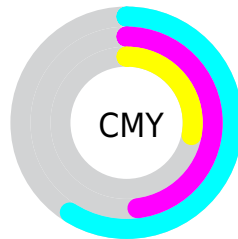


Cyan (43%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (59%)


Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 125, 183 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, 125, 183 by changing the saturation by 10% instead.

 105, 125, 183

255, 255, 255


 159, 179, 239

 187, 205, 255

 215, 231, 255


 245, 250, 255


 105, 125, 183

 79, 100, 156

 52, 74, 130

 22, 48, 104

 0, 26, 80


 0, 14, 57

 0, 2, 35

 0, 0, 10

 0, 0, 0

 105, 125, 183

 105, 125, 183

■ 87, 112, 183

■ 123, 139, 183

■ 68, 98, 183

■ 142, 152, 183

■ 50, 84, 183

■ 160, 166, 183

■ 32, 71, 183

■ 178, 179, 183

■ 14, 57, 183

■ 191, 197, 183

■ 0, 47, 183

■ 200, 215, 183

■ 209, 233, 183

■ 218, 251, 183

■ 202, 255, 183

Harmonies

Analogous

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



61, 108, 179



105, 125, 183



143, 122, 173

Triad

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



105, 125, 183



180, 118, 101



82, 124, 144

Complementary

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



105, 125, 183



146, 183, 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.



89, 139, 114



105, 125, 183



166, 158, 84

Square

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



105, 125, 183



182, 111, 126



92, 143, 79



48, 99, 146

Rectangle

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



105, 125, 183



162, 117, 160



92, 143, 79



93, 135, 143

Sweetspot

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



105, 125, 183



206, 214, 237



105, 152, 183



101, 106, 120



247, 247, 247



120, 120, 120

Same Dimension

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



105, 125, 183



116, 147, 237



117, 105, 183



83, 85, 92



0, 40, 156



0, 7, 28

Inverse Universe

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



183, 105, 132



237, 116, 158



105, 183, 117



92, 83, 86



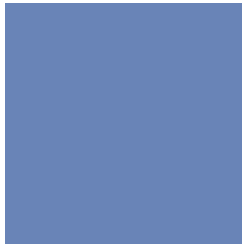
156, 0, 54



28, 0, 10

Previews

White Background



This preview shows how the RYB color 105, 125, 183 looks on a white background.

Color Contrast Check

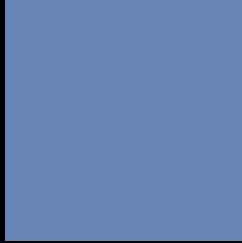
Large Text (above 18pt) WCAG AA ✓ Pass

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, 125, 183 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

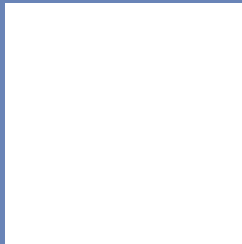
Any Text WCAG AAA × Fail

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

RYB 105, 125, 183 Background



This preview shows how black text looks on a background with the RYB color 105, 125, 183.

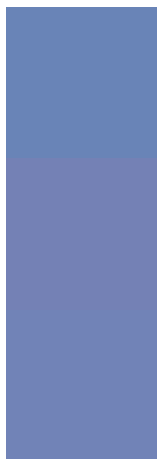


This preview shows how white text looks on a background with the RYB color 105, 125, 183.

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, 125, 183

Protanopia
116, 127, 181

Deuteranopia
113, 127, 183



Tritanopia
96, 119, 149

Trichromacy



Original Color
105, 125, 183

Protanomaly
112, 126, 182

Deuteranomaly
110, 126, 183

Tritanomaly
99, 122, 161

Monochromacy



Original Color
105, 125, 183

Achromatopsia
130, 130, 130

Achromatomaly
121, 128, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 125, 183 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, 132, 183)` looks like.

```
.text, #text, p{  
    color:rgb(105, 132, 183)  
}
```

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, 132, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 132, 183) }
```

Border

The CSS property to change the border of an element to RYB 105, 125, 183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

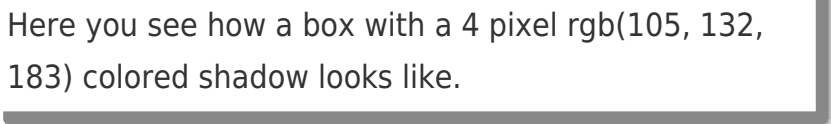
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 132, 183) }
```

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

```
.border{ border-color:rgb(105, 132, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 132, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 132, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 132, 183);  
box-shadow:4px 4px 4px 4px rgb(105, 132,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 105, 125, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 132, 183) }
```

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

```
.background{ background-color: rgb(105,  
132, 183) }
```

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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