

Converting Colors

`RYB(71, 125, 214)`

Have a look what the booklet for
RYB(71, 125, 214) contains.

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Color

$\text{RYB}(71, 125, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	479ED6
RGB	71, 158, 214
RGB Percent	28%, 62%, 84%
CMY	0.7216, 0.3813, 0.1608
CMYK	0.67, 0.26, 0.00, 0.16
HSL	204°, 64%, 56%
HSV	204°, 67%, 84%
XYZ	26.9228, 30.5679, 68.0995
YIQ	138.3710, -69.8280, -1.0280

Conversions

Conversions Part 2

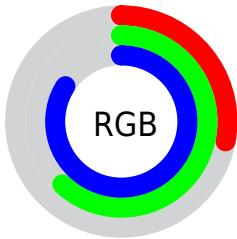
Format	Color
RYB	71, 125, 214
Decimal	4693718
CIELab	62.14, -8.45, -36.31
CIELCh	62, 37.280, 256.907
Yxy	30.5679, 0.2144, 0.2434
Android (android.graphics.Color)	4282883798 (0xFF479ED6)
YUV	138.3710, 37.2851, -59.0844
Hunter-Lab	55.2883, -9.8334, -34.3268

Details

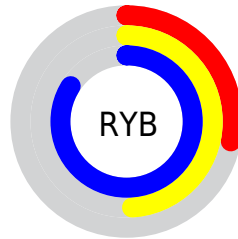
The RYB color **71, 125, 214** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **214, 163, 71**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **133, 181, 255**, and **0, 64, 159** is the 20% darker color. If you saturate the color by 10%, you get **50, 112, 214**, and if you desaturate by 10%, it is **92, 138, 214**.

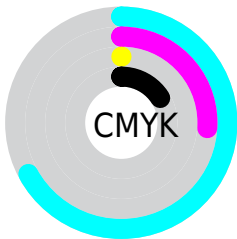
Distribution



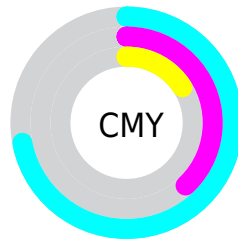
- Red (28%)
- Green (62%)
- Blue (84%)



- Red (28%)
- Yellow (49%)
- Blue (84%)



- Cyan (67%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)




















- Cyan (72%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 71, 125, 214 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 71, 125, 214 by changing the saturation by 10% instead.

 71, 125, 214	 71, 125, 214
 255, 255, 255	 31, 92, 186
 133, 181, 255	 0, 64, 159
 163, 205, 255	 0, 51, 133
 193, 224, 255	 0, 38, 107
 223, 239, 255	 0, 26, 83
 253, 254, 255	 0, 14, 59
	 0, 2, 37
	 0, 1, 13
	 0, 0, 0

■ 71, 125, 214

■ 71, 125, 214

■ 50, 112, 214

■ 92, 138, 214

■ 28, 98, 214

■ 114, 152, 214

■ 7, 85, 214

■ 135, 165, 214

■ 0, 81, 214

■ 157, 178, 214

■ 178, 192, 214

■ 199, 205, 214

■ 221, 219, 214

■ 242, 232, 214

■ 255, 253, 214

Harmonies

Analogous

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



0, 90, 197



71, 125, 214



132, 145, 213

Triad

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



71, 125, 214



214, 125, 133



104, 162, 151

Complementary

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



71, 125, 214



214, 163, 71

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.



86, 154, 87



71, 125, 214



206, 143, 103

Square

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



71, 125, 214



205, 126, 166



156, 184, 86



70, 128, 167

Rectangle

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



71, 125, 214



164, 139, 203



156, 184, 86



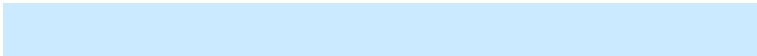
96, 160, 127

Sweetspot

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



71, 125, 214



204, 223, 255



71, 174, 214



97, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



71, 125, 214



51, 128, 255



71, 86, 214



96, 100, 107



0, 65, 171



0, 16, 43

Inverse Universe

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



214, 71, 158



255, 51, 175



90, 214, 71



107, 96, 103



171, 0, 104



43, 0, 26

Previews

White Background



This preview shows how the RYB color 71, 125, 214 looks on a white background.

Color Contrast Check

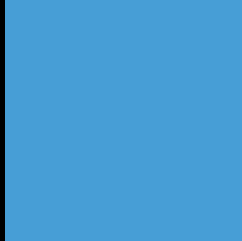
Large Text (above 18pt) WCAG AA × Fail

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 71, 125, 214 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

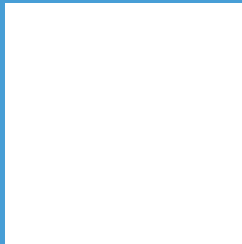
Any Text WCAG AAA ✓ Pass

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

R Y B 71, 125, 214 Background



This preview shows how black text looks on a background with the RYB color 71, 125, 214.

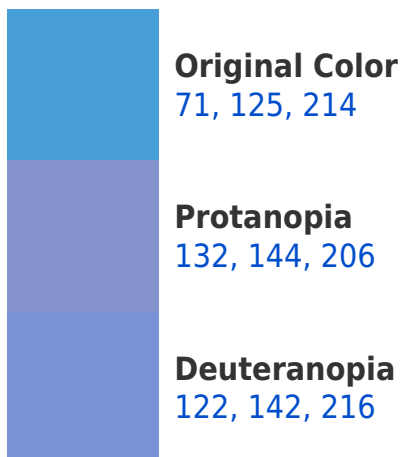


This preview shows how white text looks on a background with the RYB color 71, 125, 214.

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
49, 110, 178

Trichromacy



Original Color

71, 125, 214

Protanomaly

110, 139, 209

Deuteranomaly

103, 137, 215

Tritanomaly

57, 116, 191

Monochromacy



Original Color

71, 125, 214

Achromatopsia

138, 138, 138

Achromatomaly

114, 133, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 71, 125, 214 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(71, 158, 214)` looks like.

```
.text, #text, p{  
    color:rgb(71, 158, 214)  
}
```

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(71, 158, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 158, 214) }
```

Border

The CSS property to change the border of an element to RYB 71, 125, 214 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(71, 158, 214) }
```

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

```
.border{ border-color:rgb(71, 158, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 158, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 158, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 158, 214);  
box-shadow:4px 4px 4px 4px rgb(71, 158,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 71, 158, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 158, 214) }
```

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

```
.background{ background-color: rgb(71, 158,  
214) }
```

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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