

Converting Colors

`RYB(73, 127, 192)`

Have a look what the booklet for RYB(73, 127, 192) contains.

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Color

`RYB(73, 127, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	49ACCO
RGB	73, 172, 192
RGB Percent	29%, 67%, 75%
CMY	0.7137, 0.3260, 0.2471
CMYK	0.62, 0.10, 0.00, 0.25
HSL	190°, 49%, 52%
HSV	190°, 62%, 75%
XYZ	26.9883, 34.6746, 55.1396
YIQ	144.6790, -65.4240, -14.7680

Conversions

Conversions Part 2

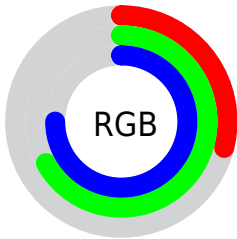
Format	Color
RYB	73, 127, 192
Decimal	4828352
CIELab	65.49, -22.63, -18.91
CIELCh	65, 29.492, 219.876
Yxy	34.6746, 0.2311, 0.2969
Android (android.graphics.Color)	4283018432 (0xFF49ACC0)
YUV	144.6790, 23.3293, -62.8625
Hunter-Lab	58.8851, -21.2388, -14.2991

Details

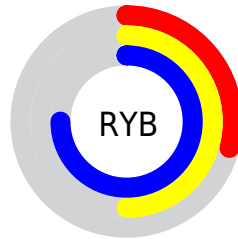
The RYB color **73, 127, 192** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **192, 97, 73**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **133, 185, 248**, and **0, 64, 139** is the 20% darker color. If you saturate the color by 10%, you get **54, 117, 192**, and if you desaturate by 10%, it is **92, 137, 192**.

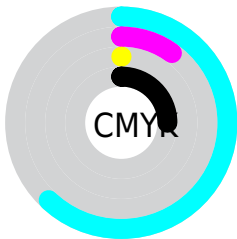
Distribution



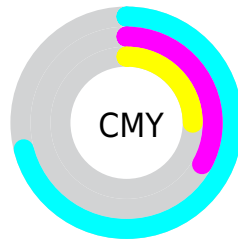
- Red (29%)
- Green (67%)
- Blue (75%)



- Red (29%)
- Yellow (50%)
- Blue (75%)



- Cyan (62%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)





- Cyan (71%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 127, 192 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 73, 127, 192 by changing the saturation by 10% instead.

 73, 127, 192

 73, 127, 192

255, 255, 255

 37, 96, 165


 133, 185, 248

 0, 64, 139

 162, 209, 255

 0, 51, 113


 192, 224, 255

 0, 39, 88

 221, 238, 255


 0, 28, 65


 251, 253, 255

 0, 17, 43

 0, 1, 22

 0, 0, 0

 73, 127, 192

 73, 127, 192

■ 54, 117, 192

■ 92, 137, 192

■ 35, 106, 192

■ 111, 148, 192

■ 15, 95, 192

■ 131, 159, 192

■ 0, 87, 192

■ 150, 169, 192

■ 169, 179, 192

■ 188, 190, 192

■ 207, 196, 192

■ 227, 199, 192

■ 246, 203, 192

Harmonies

Analogous

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



81, 129, 174



73, 127, 192



98, 140, 208

Triad

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



73, 127, 192



200, 142, 178



118, 169, 107

Complementary

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



73, 127, 192



192, 97, 73

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.



193, 191, 110



73, 127, 192



211, 139, 151

Square

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



73, 127, 192



174, 149, 200



208, 147, 126



118, 168, 146

Rectangle

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



73, 127, 192



124, 150, 211



208, 147, 126



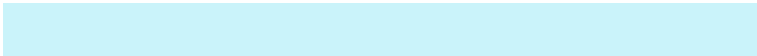
136, 178, 106

Sweetspot

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



73, 127, 192



202, 224, 250



73, 175, 192



96, 109, 125



252, 252, 252



125, 125, 125

Same Dimension

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



73, 127, 192



65, 149, 250



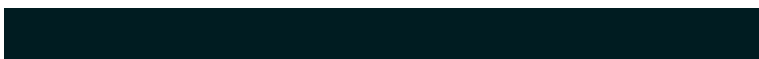
73, 103, 192



87, 91, 97



0, 73, 161



0, 15, 33

Inverse Universe

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



192, 73, 172



250, 65, 219



133, 192, 73



97, 87, 95



161, 0, 133



33, 0, 28

Previews

White Background



This preview shows how the RYB color 73, 127, 192 looks on a white background.

Color Contrast Check

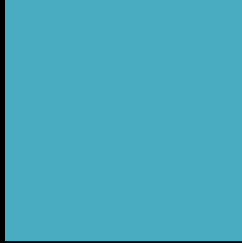
Large Text (above 18pt) WCAG AA × Fail

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 73, 127, 192 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](#).

RGB 73, 127, 192 Background



This preview shows how black text looks on a background with the RGB color 73, 127, 192.

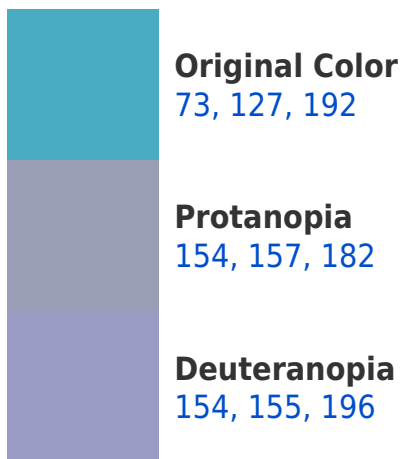


This preview shows how white text looks on a background with the RGB color 73, 127, 192.

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
71, 125, 187

Trichromacy



Original Color

73, 127, 192



Protanomaly

125, 148, 186



Deuteranomaly

125, 149, 195



Tritanomaly

72, 126, 189

Monochromacy



Original Color

73, 127, 192



Achromatopsia

145, 145, 145



Achromatomaly

119, 139, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 127, 192 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(73, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(73, 172, 192)  
}
```

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(73, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 172, 192) }
```

Border

The CSS property to change the border of an element to RYB 73, 127, 192 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(73, 172, 192) }
```

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

```
.border{ border-color:rgb(73, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(73, 172,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 73, 127, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 127, 192) }
```

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

```
.background{ background-color: rgb(73, 127,  
192) }
```

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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