

Converting Colors

`RYB(73, 222, 241)`

Have a look what the booklet for
RYB(73, 222, 241) contains.

RYB(73, 222, 241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(73, 222, 241)

Conversions

Conversions Part 1

Format	Color
Hex	49F15E
RGB	73, 241, 94
RGB Percent	29%, 95%, 37%
CMY	0.7137, 0.0549, 0.6297
CMYK	0.70, 0.00, 0.61, 0.05
HSL	128°, 86%, 62%
HSV	128°, 70%, 95%
XYZ	36.2424, 65.1428, 21.3531
YIQ	174.0100, -52.9410, -81.3330

Conversions

Conversions Part 2

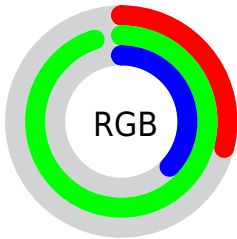
Format	Color
RYB	73, 222, 241
Decimal	4845918
CIELab	84.56, -70.86, 57.18
CIELCh	85, 91.054, 141.101
Yxy	65.1428, 0.2953, 0.5307
Android (android.graphics.Color)	4283035998 (0xFF49F15E)
YUV	174.0100, -39.4449, -88.5858
Hunter-Lab	80.7111, -61.0911, 40.8119

Details

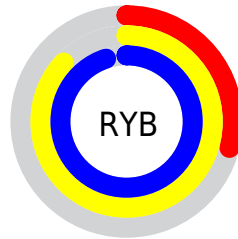
The RYB color **73, 222, 241** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **241, 73, 220**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **142, 248, 255**, and **0, 152, 183** is the 20% darker color. If you saturate the color by 10%, you get **49, 220, 241**, and if you desaturate by 10%, it is **97, 225, 241**.

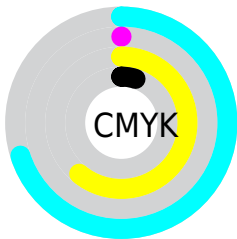
Distribution



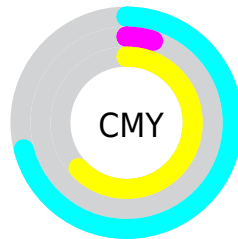
- Red (29%)
- Green (95%)
- Blue (37%)



- Red (29%)
- Yellow (87%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (5%)


















- Cyan (71%)
- Magenta (5%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 222, 241 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, 222, 241 by changing the saturation by 10% instead.

 73, 222, 241	 73, 222, 241
255, 255, 255	 19, 174, 212
 142, 248, 255	 0, 152, 183
 173, 251, 255	 0, 156, 156
 205, 254, 255	 0, 128, 128
 235, 255, 254	 0, 102, 102
	 0, 76, 76
	 0, 52, 52
	 0, 25, 25
	 0, 0, 0


 73, 222, 241

 73, 222, 241

 49, 220, 241

 97, 225, 241

 25, 217, 241

 121, 228, 241

 1, 214, 241

 145, 230, 241

 0, 214, 241

 169, 232, 241

 194, 236, 241

 218, 238, 241

 242, 241, 242

 255, 241, 255

Harmonies

Analogous

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



0, 225, 31



73, 222, 241



0, 144, 249

Triad

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



73, 222, 241



0, 121, 255



255, 127, 155

Complementary

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



73, 222, 241



241, 73, 220

Split Complementary

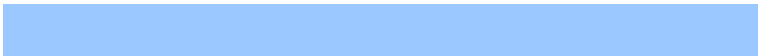
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 124, 241



73, 222, 241



155, 186, 255

Square

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



73, 222, 241



0, 125, 255



255, 159, 255



255, 238, 76

Rectangle

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



73, 222, 241



0, 128, 251



255, 159, 255



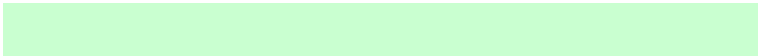
255, 121, 183

Sweetspot

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



73, 222, 241



201, 249, 255



73, 241, 93



96, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



73, 222, 241



41, 231, 255



73, 177, 241



108, 119, 120



0, 164, 184



0, 50, 56

Inverse Universe

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



241, 73, 220



255, 41, 228



241, 73, 137



120, 108, 118



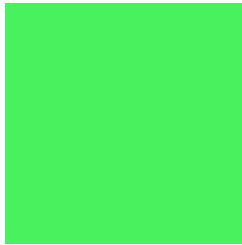
184, 0, 160



56, 0, 49

Previews

White Background



This preview shows how the RYB color 73, 222, 241 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, 222, 241 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](#).

RYB 73, 222, 241 Background



This preview shows how black text looks on a background with the RYB color 73, 222, 241.

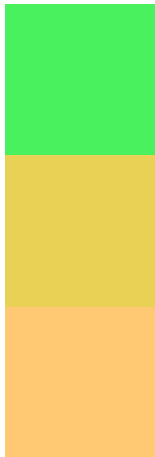


This preview shows how white text looks on a background with the RYB color 73, 222, 241.

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](#).

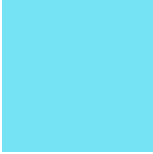
Dichromacy



Original Color
73, 222, 241

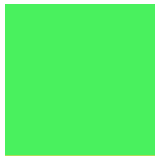
Protanopia
114, 233, 85

Deuteranopia
204, 255, 114



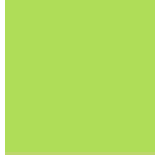
Tritanopia
117, 176, 244

Trichromacy



Original Color

73, 222, 241



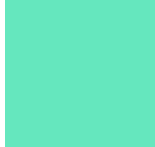
Protanomaly

88, 221, 134



Deuteranomaly

107, 215, 133



Tritanomaly

101, 178, 231

Monochromacy



Original Color

73, 222, 241



Achromatopsia

174, 174, 174



Achromatomaly

137, 191, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 222, 241 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, 241, 94)` looks like.

```
.text, #text, p{  
    color:rgb(73, 241, 94)  
}
```

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, 241, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 241, 94) }
```

Border

The CSS property to change the border of an element to RYB 73, 222, 241 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, 241, 94) }
```

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

```
.border{ border-color:rgb(73, 241, 94) }
```

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

Here you see how a box with a 4 pixel rgb(73, 241, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 241, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 241, 94);  
box-shadow:4px 4px 4px 4px rgb(73, 241,  
94) }
```

Background

The CSS property to change the background color of an element to RGB 73, 222, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 241, 94) }
```

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

```
.background{ background-color: rgb(73, 241,  
94) }
```

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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