

Converting Colors

`RYB(94, 225, 71)`

Have a look what the booklet for
RYB(94, 225, 71) contains.

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Color

RYB(94, 225, 71)

Conversions

Conversions Part 1

Format	Color
Hex	E1CD47
RGB	225, 205, 71
RGB Percent	88%, 80%, 28%
CMY	0.1176, 0.1961, 0.7216
CMYK	0.00, 0.09, 0.68, 0.12
HSL	52°, 72%, 58%
HSV	52°, 68%, 88%
XYZ	54.0173, 60.1197, 14.7185
YIQ	195.7040, 54.9340, -37.4340

Conversions

Conversions Part 2

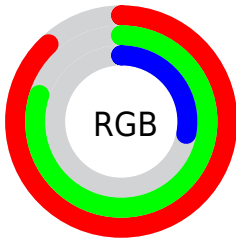
Format	Color
RYB	94, 225, 71
Decimal	14798151
CIELab	81.90, -7.84, 66.16
CIELCh	82, 66.618, 96.756
Yxy	60.1197, 0.4192, 0.4666
Android (android.graphics.Color)	4292988231 (0xFFE1CD47)
YUV	195.7040, -61.4791, 25.6926
Hunter-Lab	77.5369, -11.3348, 43.0211

Details

The RYB color **94, 225, 71** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **71, 89, 225**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **126, 255, 126**, and **16, 166, 0** is the 20% darker color. If you saturate the color by 10%, you get **75, 225, 49**, and if you desaturate by 10%, it is **114, 225, 94**.

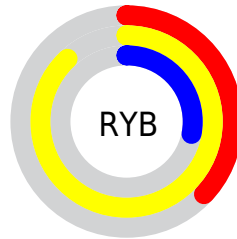
Distribution



Red (88%)

Green (80%)

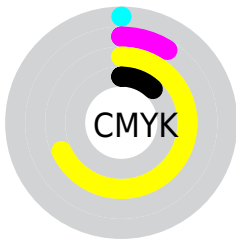
Blue (28%)



Red (37%)

Yellow (88%)

Blue (28%)

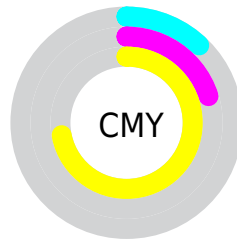


Cyan (0%)

Magenta (9%)

Yellow (68%)

Black (12%)



Cyan (12%)


















Magenta (20%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 225, 71 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 94, 225, 71 by changing the saturation by 10% instead.

 94, 225, 71	 94, 225, 71
 255, 255, 255	 60, 195, 41
 126, 255, 126	 16, 166, 0
 154, 255, 154	 14, 138, 0
 182, 255, 182	 10, 110, 0
 211, 255, 211	 5, 82, 0
 240, 255, 240	 1, 56, 0
	 0, 34, 3
	 0, 13, 13
	 0, 0, 0

■ 94, 225, 71

■ 94, 225, 71

■ 75, 225, 49

■ 114, 225, 94

■ 56, 225, 26

■ 132, 225, 116

■ 36, 225, 3

■ 152, 225, 139

■ 33, 225, 0

■ 170, 225, 161

■ 190, 225, 184

■ 208, 225, 206

■ 225, 225, 228

■ 225, 228, 251

■ 225, 230, 255

Harmonies

Analogous

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



213, 255, 87



94, 225, 71



98, 221, 160

Triad

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



94, 225, 71



0, 121, 255



255, 157, 254

Complementary

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



94, 225, 71



71, 89, 225

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.



226, 181, 255



94, 225, 71



0, 119, 255

Square

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



94, 225, 71



0, 122, 235



109, 167, 255



255, 148, 192

Rectangle

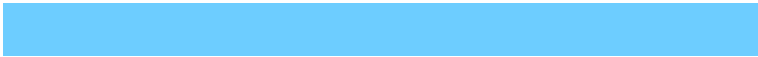
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 225, 71



101, 203, 228



109, 167, 255



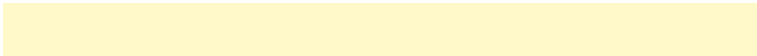
255, 164, 255

Sweetspot

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



94, 225, 71



209, 255, 201



225, 71, 92



102, 128, 96



0, 0, 0



128, 128, 128

Same Dimension

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



94, 225, 71



77, 255, 46



71, 225, 127



102, 112, 101



26, 176, 0



7, 48, 0

Inverse Universe

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



71, 89, 225



46, 70, 255



127, 71, 225



101, 102, 112



0, 20, 176



0, 5, 48

Previews

White Background



This preview shows how the RYB color 94, 225, 71 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 94, 225, 71 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 94, 225, 71 Background



This preview shows how black text looks on a background with the RYB color 94, 225, 71.



This preview shows how white text looks on a background with the RYB color 94, 225, 71.

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


94, 225, 71

Protanopia

99, 228, 71

Deuteranopia

168, 254, 75



Tritanopia
236, 192, 207

Trichromacy



Original Color

94, 225, 71

Protanomaly

98, 227, 71

Deuteranomaly

137, 243, 74

Tritanomaly

224, 232, 158

Monochromacy



Original Color

94, 225, 71

Achromatopsia

196, 196, 196

Achromatomaly

160, 207, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 225, 71 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(225, 205, 71)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 71)  
}
```

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(225, 205, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 71) }
```

Border

The CSS property to change the border of an element to RYB 94, 225, 71 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(225, 205, 71) }
```

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

```
.border{ border-color:rgb(225, 205, 71) }
```

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

Here you see how a box with a 4 pixel rgb(225, 205, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 71);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
71) }
```

Background

The CSS property to change the background color of an element to RYB 94, 225, 71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 71) }
```

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

```
.background{ background-color: rgb(225,  
205, 71) }
```

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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