

Converting Colors

`RYB(119, 255, 36)`

Have a look what the booklet for
RYB(119, 255, 36) contains.

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Color

`RYB(119, 255, 36)`

Conversions

Conversions Part 1

Format	Color
Hex	FFC324
RGB	255, 195, 36
RGB Percent	100%, 76%, 14%
CMY	0.0000, 0.2360, 0.8588
CMYK	0.00, 0.24, 0.86, 0.00
HSL	44°, 100%, 57%
HSV	44°, 86%, 100%
XYZ	61.0313, 60.3331, 10.0978
YIQ	194.8140, 86.7990, -36.7290

Conversions

Conversions Part 2

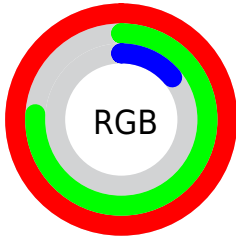
Format	Color
R _Y B	119, 255, 36
Decimal	16761636
CIE Lab	82.02, 8.87, 78.47
CIE LCh	82, 78.969, 83.553
Yxy	60.3331, 0.4642, 0.4589
Android (android.graphics.Color)	4294951716 (0xFFFFC324)
YUV	194.8140, -78.2953, 52.7831
Hunter-Lab	77.6744, 4.3232, 46.6642

Details

The RYB color **119, 255, 36** is a light color, and the websafe version is hex **FFCC33**, and the color name is **ripe mango**. The color can be described as light washed yellow. A complement of this color would be **36, 83, 255**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **103, 255, 99**, and **69, 193, 0** is the 20% darker color. If you saturate the color by 10%, you get **102, 255, 10**, and if you desaturate by 10%, it is **134, 255, 61**.

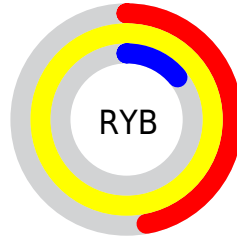
Distribution



Red (100%)

Green (76%)

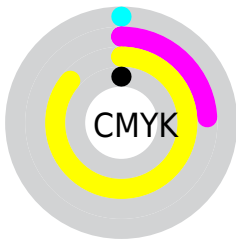
Blue (14%)



Red (47%)

Yellow (100%)

Blue (14%)

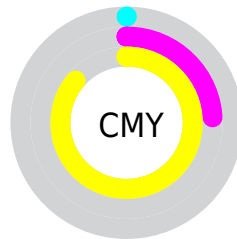


Cyan (0%)

Magenta (24%)

Yellow (86%)

Black (0%)



Cyan (0%)



















Magenta (24%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 255, 36 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 119, 255, 36 by changing the saturation by 10% instead.

 119, 255, 36	 119, 255, 36
 255, 255, 255	 75, 224, 0
 103, 255, 99	 69, 193, 0
 128, 255, 128	 66, 163, 0
 156, 255, 156	 59, 133, 0
 185, 255, 185	 53, 104, 0
 214, 255, 214	 47, 76, 0
 244, 255, 244	 46, 50, 0
	 26, 0, 0
	 0, 0, 0

■ 119, 255, 36

■ 119, 255, 36

■ 102, 255, 10

■ 134, 255, 61

■ 96, 255, 0

■ 150, 255, 87

■ 166, 255, 112

■ 182, 255, 138

■ 197, 255, 163

■ 214, 255, 189

■ 229, 255, 214

■ 245, 255, 240

255, 255, 255

Harmonies

Analogous

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



255, 238, 84



119, 255, 36



50, 217, 82

Triad

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



119, 255, 36



0, 123, 255



255, 158, 255

Complementary

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



119, 255, 36



36, 83, 255

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.



174, 188, 255



119, 255, 36



0, 122, 255

Square

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



119, 255, 36



0, 134, 238



0, 117, 255



255, 134, 223

Rectangle

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



119, 255, 36



89, 228, 192



0, 117, 255



250, 169, 255

Sweetspot

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



119, 255, 36



214, 255, 189



255, 36, 98



103, 128, 88



0, 0, 0



128, 128, 128

Same Dimension

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



119, 255, 36



96, 255, 0



36, 255, 83



121, 128, 115



71, 191, 0



25, 64, 0

Inverse Universe

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



36, 83, 255



0, 55, 255



83, 36, 255



115, 117, 128



0, 41, 191



0, 14, 64

Previews

White Background



This preview shows how the RYB color 119, 255, 36 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 119, 255, 36 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 119, 255, 36 Background



This preview shows how black text looks on a background with the RYB color 119, 255, 36.



This preview shows how white text looks on a background with the RYB color 119, 255, 36.

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
119, 255, 36

Protanopia
68, 230, 39

Deuteranopia
152, 255, 63



Tritanopia
255, 186, 197

Trichromacy



Original Color

119, 255, 36

Protanomaly

85, 239, 38

Deuteranomaly

140, 255, 53

Tritanomaly

255, 228, 138

Monochromacy



Original Color

119, 255, 36

Achromatopsia

195, 195, 195

Achromatomaly

167, 217, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 255, 36 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(255, 195, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 36)  
}
```

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(255, 195, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 36) }
```

Border

The CSS property to change the border of an element to RYB 119, 255, 36 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(255, 195, 36) }
```

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

```
.border{ border-color:rgb(255, 195, 36) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
36) }
```

Background

The CSS property to change the background color of an element to RGB 119, 255, 36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 36) }
```

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

```
.background{ background-color: rgb(255,  
195, 36) }
```

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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