

Converting Colors

`RYB(153, 243, 114)`

Have a look what the booklet for
RYB(153, 243, 114) contains.

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Color

R_YB(153, 243, 114)

Conversions

Conversions Part 1

Format	Color
Hex	F3D572
RGB	243, 213, 114
RGB Percent	95%, 84%, 45%
CMY	0.0471, 0.1645, 0.5529
CMYK	0.00, 0.12, 0.53, 0.05
HSL	46°, 84%, 70%
HSV	46°, 53%, 95%
XYZ	63.8071, 67.8850, 25.6597
YIQ	210.6840, 49.6590, -24.4290

Conversions

Conversions Part 2

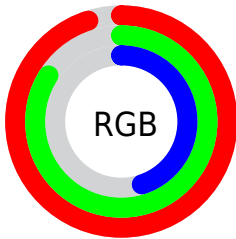
Format	Color
RYB	153, 243, 114
Decimal	15979890
CIELab	85.95, -1.63, 52.24
CIElCh	86, 52.263, 91.788
Yxy	67.8850, 0.4055, 0.4314
Android (android.graphics.Color)	4294169970 (0xFFFF3D572)
YUV	210.6840, -47.6652, 28.3411
Hunter-Lab	82.3924, -5.9509, 39.2098

Details

The RYB color **153, 243, 114** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **114, 138, 243**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **168, 255, 168**, and **93, 184, 62** is the 20% darker color. If you saturate the color by 10%, you get **137, 243, 90**, and if you desaturate by 10%, it is **169, 243, 138**.

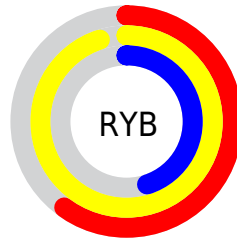
Distribution



Red (95%)

Green (84%)

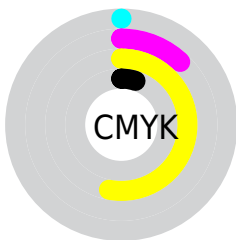
Blue (45%)



Red (60%)

Yellow (95%)

Blue (45%)

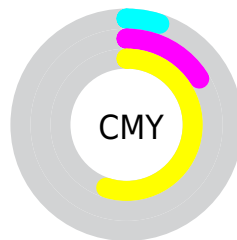


Cyan (0%)

Magenta (12%)

Yellow (53%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 243, 114 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 153, 243, 114 by changing the saturation by 10% instead.

 153, 243, 114

255, 255, 255

 168, 255, 168

 196, 255, 196

 224, 255, 224

254, 255, 254

 153, 243, 114

 124, 213, 88


 93, 184, 62

 63, 156, 35

 25, 128, 1

 20, 101, 0

 16, 74, 0

 11, 48, 0

 6, 24, 0

 0, 0, 0

153, 243, 114

153, 243, 114

137, 243, 90

169, 243, 138

118, 243, 65

188, 243, 163

102, 243, 41

204, 243, 187

86, 243, 17

220, 243, 211

73, 243, 0

238, 243, 235

243, 246, 255

243, 248, 255

243, 249, 255

Harmonies

Analogous

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



240, 255, 129



153, 243, 114



128, 227, 163

Triad

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



153, 243, 114



0, 123, 255



255, 183, 255

Complementary

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



153, 243, 114



114, 138, 243

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.



223, 201, 255



153, 243, 114



0, 121, 255

Square

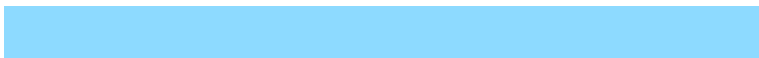
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



153, 243, 114



22, 138, 241



141, 187, 255



255, 175, 214

Rectangle

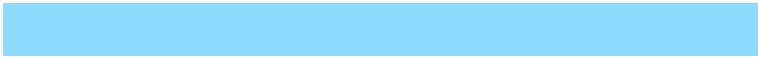
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153, 243, 114



152, 234, 234



141, 187, 255



255, 189, 255

Sweetspot

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



153, 243, 114



226, 255, 214



243, 114, 144



111, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



153, 243, 114



142, 255, 92



114, 243, 148



112, 122, 110



56, 186, 0



18, 59, 0

Inverse Universe

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



114, 138, 243



92, 123, 255



148, 114, 243



110, 112, 122



0, 35, 186



0, 11, 59

Previews

White Background



This preview shows how the RYB color 153, 243, 114 looks on a white background.

Color Contrast Check

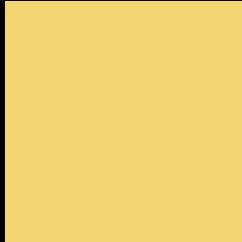
Large Text (above 18pt) WCAG AA × Fail

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 153, 243, 114 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 153, 243, 114 Background



This preview shows how black text looks on a background with the RYB color 153, 243, 114.



This preview shows how white text looks on a background with the RYB color 153, 243, 114.

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
153, 243, 114

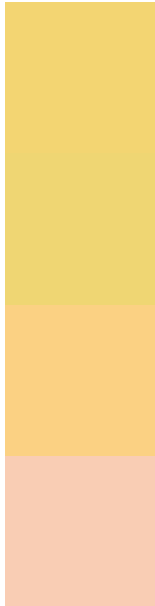
Protanopia
142, 237, 115

Deuteranopia
224, 255, 141



Tritanopia
253, 201, 217

Trichromacy



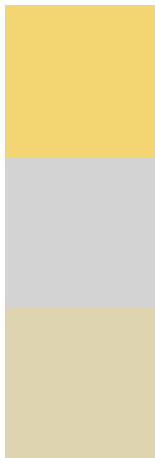
Original Color
153, 243, 114

Protanomaly
146, 239, 115

Deuteranomaly
196, 251, 131

Tritanomaly
249, 219, 180

Monochromacy



Original Color
153, 243, 114

Achromatopsia
211, 211, 211

Achromatomaly
190, 223, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 243, 114 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(243, 213, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 114)  
}
```

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(243, 213, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 114) }
```

Border

The CSS property to change the border of an element to RYB 153, 243, 114 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(243, 213, 114) }
```

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

```
.border{ border-color:rgb(243, 213, 114) }
```

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

Here you see how a box with a 4 pixel rgb(243, 213, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 213, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 213, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 213,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 153, 243, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 114) }
```

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

```
.background{ background-color: rgb(243,  
213, 114) }
```

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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