

Converting Colors

`RYB(194, 247, 110)`

Have a look what the booklet for
RYB(194, 247, 110) contains.

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Color

R_YB(194, 247, 110)

Conversions

Conversions Part 1

Format	Color
Hex	F7C36E
RGB	247, 195, 110
RGB Percent	97%, 76%, 43%
CMY	0.0314, 0.2356, 0.5686
CMYK	0.00, 0.21, 0.55, 0.03
HSL	37°, 90%, 70%
HSV	37°, 55%, 97%
XYZ	60.6711, 59.8977, 23.1156
YIQ	200.8580, 58.2770, -15.4110

Conversions

Conversions Part 2

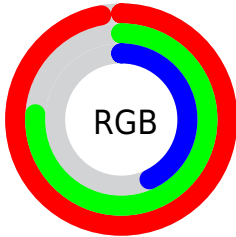
Format	Color
RYB	194, 247, 110
Decimal	16237422
CIELab	81.78, 9.03, 49.28
CIELCh	82, 50.102, 79.611
Yxy	59.8977, 0.4223, 0.4169
Android (android.graphics.Color)	4294427502 (0xFF7C36E)
YUV	200.8580, -44.7930, 40.4665
Hunter-Lab	77.3936, 4.4926, 36.4671

Details

The RYB color **194, 247, 110** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **110, 148, 247**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **167, 255, 163**, and **130, 188, 59** is the 20% darker color. If you saturate the color by 10%, you get **183, 247, 85**, and if you desaturate by 10%, it is **205, 247, 135**.

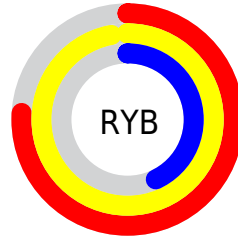
Distribution



Red (97%)

Green (76%)

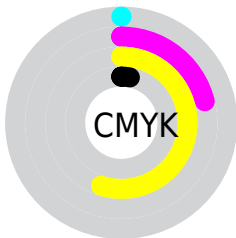
Blue (43%)



Red (76%)

Yellow (97%)

Blue (43%)

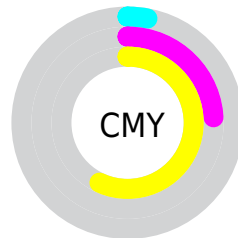


Cyan (0%)

Magenta (21%)

Yellow (55%)

Black (3%)



Cyan (3%)

Magenta (24%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the RYB color 194, 247, 110 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 194, 247, 110 by changing the saturation by 10% instead.

 194, 247, 110

 194, 247, 110

255, 255, 255

 162, 217, 84

 167, 255, 163

 133, 188, 59

 191, 255, 191

 98, 159, 33

 219, 255, 219

 55, 130, 1

 248, 255, 248

 53, 103, 0

 50, 76, 0

 46, 50, 0

 26, 0, 0

 0, 0, 0

194, 247, 110

194, 247, 110

183, 247, 85

205, 247, 135

176, 247, 61

212, 247, 159

165, 247, 36

223, 247, 184

156, 247, 11

234, 247, 209

152, 247, 0

242, 247, 234

247, 250, 255

247, 251, 255

Harmonies

Analogous

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



255, 203, 134



194, 247, 110



112, 210, 120

Triad

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



194, 247, 110



0, 115, 233



246, 180, 255

Complementary

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



194, 247, 110



110, 148, 247

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.



183, 195, 255



194, 247, 110



0, 119, 255

Square

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



194, 247, 110



77, 164, 227



92, 161, 255



255, 167, 222

Rectangle

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



194, 247, 110



129, 218, 180



92, 161, 255



228, 185, 255

Sweetspot

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



194, 247, 110



237, 255, 212



247, 110, 163



118, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



194, 247, 110



189, 255, 84



110, 247, 126



116, 122, 110



115, 186, 0



38, 59, 0

Inverse Universe

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



110, 148, 247



84, 131, 255



126, 110, 247



110, 114, 122



0, 51, 186



0, 16, 59

Previews

White Background



This preview shows how the RYB color 194, 247, 110 looks on a white background.

Color Contrast Check

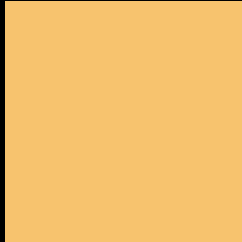
Large Text (above 18pt) WCAG AA × Fail

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 194, 247, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

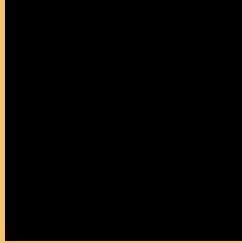
Any Text WCAG AA ✓ Pass

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 194, 247, 110 Background



This preview shows how black text looks on a background with the RYB color 194, 247, 110.



This preview shows how white text looks on a background with the RYB color 194, 247, 110.

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
194, 247, 110

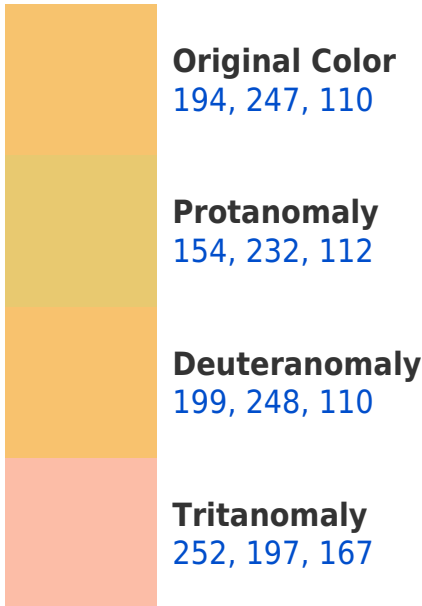
Protanopia
137, 224, 113

Deuteranopia
201, 249, 110

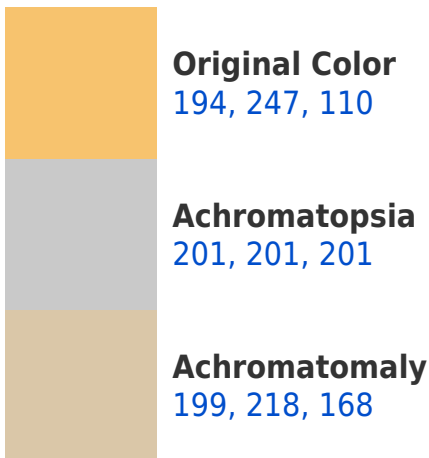


Tritanopia
255, 185, 199

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 247, 110 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(247, 195, 110)` looks like.

```
.text, #text, p{  
    color:rgb(247, 195, 110)  
}
```

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(247, 195, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 195, 110) }
```

Border

The CSS property to change the border of an element to RYB 194, 247, 110 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(247, 195, 110) }
```

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

```
.border{ border-color:rgb(247, 195, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 195, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 195, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 195, 110);  
box-shadow:4px 4px 4px 4px rgb(247, 195,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 194, 247, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 195, 110) }
```

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

```
.background{ background-color: rgb(247,  
195, 110) }
```

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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