

Converting Colors

`RYB(178, 241, 91)`

Have a look what the booklet for
RYB(178, 241, 91) contains.

RYB(178, 241, 91)	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

$\text{RYB}(178, 241, 91)$

Conversions

Conversions Part 1

Format	Color
Hex	F1BA5B
RGB	241, 186, 91
RGB Percent	95%, 73%, 36%
CMY	0.0549, 0.2708, 0.6431
CMYK	0.00, 0.23, 0.62, 0.05
HSL	38°, 84%, 65%
HSV	38°, 62%, 95%
XYZ	55.7095, 54.5473, 17.4900
YIQ	191.6150, 63.2750, -17.8850

Conversions

Conversions Part 2

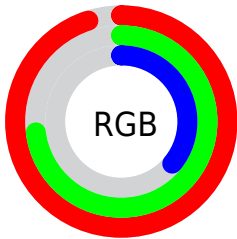
Format	Color
RYB	178, 241, 91
Decimal	15841883
CIELab	78.78, 9.91, 54.69
CIELCh	79, 55.584, 79.733
Yxy	54.5473, 0.4361, 0.4270
Android (android.graphics.Color)	4294031963 (0xFFFF1BA5B)
YUV	191.6150, -49.6032, 43.3106
Hunter-Lab	73.8561, 5.3940, 37.6587

Details

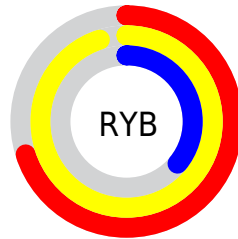
The RYB color **178, 241, 91** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **91, 131, 241**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **159, 255, 144**, and **110, 181, 38** is the 20% darker color. If you saturate the color by 10%, you get **168, 241, 67**, and if you desaturate by 10%, it is **187, 241, 115**.

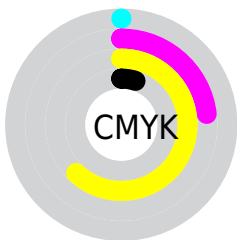
Distribution



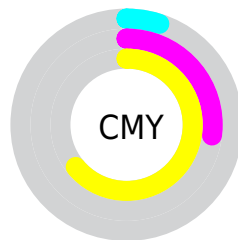
- Red (95%)
- Green (73%)
- Blue (36%)



- Red (70%)
- Yellow (95%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (5%)



















- Cyan (5%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 241, 91 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 178, 241, 91 by changing the saturation by 10% instead.

 178, 241, 91	 178, 241, 91
 255, 255, 255	 146, 211, 65
 159, 255, 144	 110, 181, 38
 171, 255, 171	 67, 152, 4
 200, 255, 200	 59, 124, 0
 228, 255, 228	 55, 96, 0
	 53, 69, 0
	 43, 34, 0
	 12, 0, 0
	 0, 0, 0

178, 241, 91

178, 241, 91

168, 241, 67

187, 241, 115

159, 241, 43

197, 241, 139

149, 241, 19

209, 241, 163

139, 241, 0

219, 241, 187

228, 241, 211

239, 241, 236

241, 246, 255

241, 248, 255

Harmonies

Analogous

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



255, 194, 118



178, 241, 91



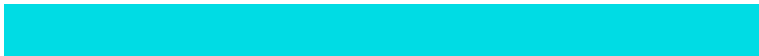
94, 203, 105

Triad

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



178, 241, 91



0, 112, 228



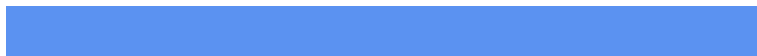
241, 168, 255

Complementary

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



178, 241, 91



91, 131, 241

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.



170, 185, 255



178, 241, 91



0, 117, 255

Square

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



178, 241, 91



21, 133, 220



37, 132, 255



255, 153, 215

Rectangle

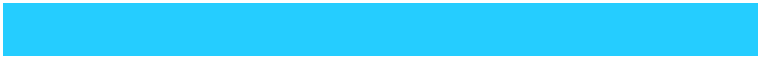
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178, 241, 91



112, 211, 169



37, 132, 255



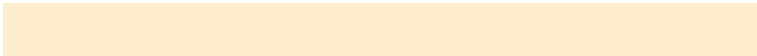
221, 175, 255

Sweetspot

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



178, 241, 91



236, 255, 207



241, 91, 148



115, 128, 98



0, 0, 0



128, 128, 128

Same Dimension

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



178, 241, 91



174, 255, 64



91, 241, 109



117, 120, 108



108, 184, 0



31, 56, 0

Inverse Universe

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



91, 131, 241



64, 115, 255



109, 91, 241



108, 111, 120



0, 49, 184



0, 15, 56

Previews

White Background



This preview shows how the RYB color 178, 241, 91 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 178, 241, 91 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 178, 241, 91 Background



This preview shows how black text looks on a background with the RYB color 178, 241, 91.

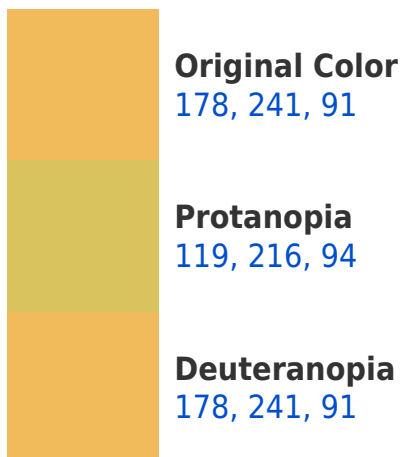



This preview shows how white text looks on a background with the RYB color 178, 241, 91.

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





Tritanopia
249, 175, 189

Trichromacy



Original Color

178, 241, 91

Protanomaly

137, 225, 93

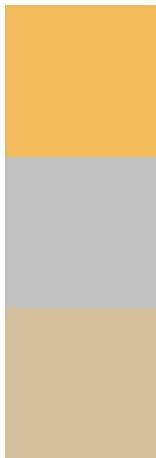
Deuteranomaly

178, 241, 91

Tritanomaly

246, 189, 153

Monochromacy



Original Color

178, 241, 91

Achromatopsia

192, 192, 192

Achromatomaly

186, 210, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 241, 91 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(241, 186, 91)` looks like.

```
.text, #text, p{  
    color:rgb(241, 186, 91)  
}
```

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(241, 186, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 186, 91) }
```

Border

The CSS property to change the border of an element to RYB 178, 241, 91 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(241, 186, 91) }
```

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

```
.border{ border-color:rgb(241, 186, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 186, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 186, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 186, 91);  
box-shadow:4px 4px 4px 4px rgb(241, 186,  
91) }
```

Background

The CSS property to change the background color of an element to RYB 178, 241, 91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 186, 91) }
```

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

```
.background{ background-color: rgb(241,  
186, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor