

Converting Colors

`RYB(77, 198, 74)`

Have a look what the booklet for
RYB(77, 198, 74) contains.

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Color

RYB(77, 198, 74)

Conversions

Conversions Part 1

Format	Color
Hex	C6C34A
RGB	198, 195, 74
RGB Percent	78%, 76%, 29%
CMY	0.2235, 0.2350, 0.7098
CMYK	0.00, 0.01, 0.63, 0.22
HSL	59°, 52%, 53%
HSV	59°, 63%, 78%
XYZ	44.0557, 51.5622, 14.1091
YIQ	182.1030, 40.6290, -36.9950

Conversions

Conversions Part 2

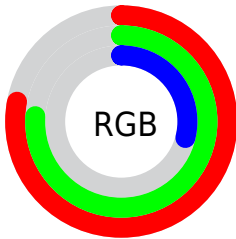
Format	Color
RYB	77, 198, 74
Decimal	13026122
CIELab	77.02, -13.99, 59.17
CIELCh	77, 60.801, 103.301
Yxy	51.5622, 0.4015, 0.4699
Android (android.graphics.Color)	4291216202 (0xFFC6C34A)
YUV	182.1030, -53.2948, 13.9417
Hunter-Lab	71.8068, -16.1465, 38.6151

Details

The RYB color **77, 198, 74** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **74, 77, 198**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **132, 255, 128**, and **11, 142, 12** is the 20% darker color. If you saturate the color by 10%, you get **57, 198, 54**, and if you desaturate by 10%, it is **96, 198, 94**.

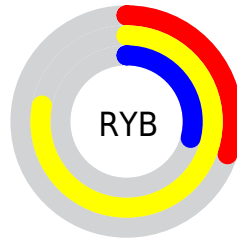
Distribution



Red (78%)

Green (76%)

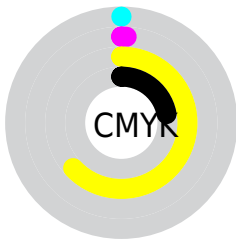
Blue (29%)



Red (30%)

Yellow (78%)

Blue (29%)

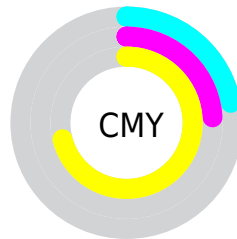


Cyan (0%)

Magenta (1%)

Yellow (63%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RYB color 77, 198, 74 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 77, 198, 74 by changing the saturation by 10% instead.

 77, 198, 74  77, 198, 74

255, 255, 255  47, 169, 46

 132, 255, 128  11, 142, 12

 155, 255, 155  0, 116, 2

 183, 255, 183  0, 92, 5

 212, 255, 212  0, 68, 8

 241, 255, 241  0, 46, 11

 0, 27, 24

 0, 0, 0

 77, 198, 74  77, 198, 74

■ 57, 198, 54

■ 96, 198, 94

■ 38, 198, 34

■ 116, 198, 114

■ 19, 198, 15

■ 135, 198, 133

■ 5, 198, 0

■ 154, 198, 153

■ 174, 198, 173

■ 193, 198, 193

■ 198, 198, 213

■ 198, 199, 232

■ 198, 199, 252

Harmonies

Analogous

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



204, 248, 79



77, 198, 74



104, 209, 178

Triad

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



77, 198, 74



0, 117, 255



255, 146, 224

Complementary

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



77, 198, 74



74, 77, 198

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, 165, 255



77, 198, 74



0, 114, 255

Square

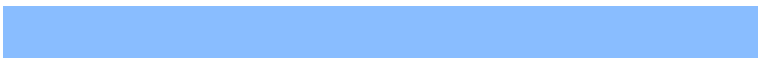
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77, 198, 74



0, 110, 218



137, 173, 255



255, 141, 167

Rectangle

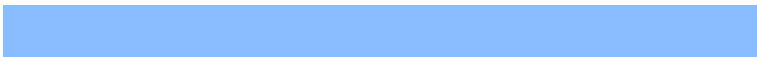
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 198, 74



77, 172, 214



137, 173, 255



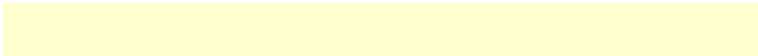
255, 151, 242

Sweetspot

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



77, 198, 74



208, 255, 207



198, 74, 78



99, 128, 98



0, 0, 0



128, 128, 128

Same Dimension

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



77, 198, 74



69, 255, 64



74, 198, 132



90, 99, 90



4, 163, 0



1, 36, 0

Inverse Universe

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



74, 77, 198



64, 68, 255



132, 74, 198



90, 90, 99



0, 4, 163



0, 1, 36

Previews

White Background



This preview shows how the RYB color 77, 198, 74 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 77, 198, 74 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 77, 198, 74 Background



This preview shows how black text looks on a background with the RYB color 77, 198, 74.

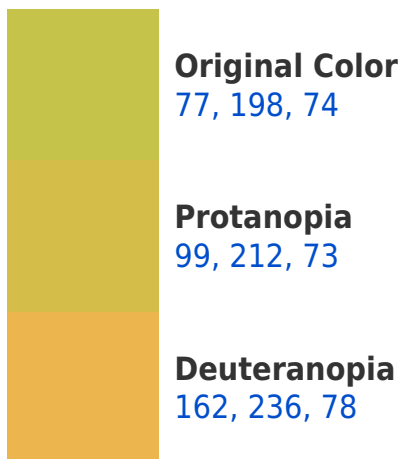



This preview shows how white text looks on a background with the RYB color 77, 198, 74.

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
209, 183, 197

Trichromacy



Original Color

77, 198, 74

Protanomaly

90, 207, 73

Deuteranomaly

125, 222, 77

Tritanomaly

179, 205, 152

Monochromacy



Original Color

77, 198, 74

Achromatopsia

182, 182, 182

Achromatomaly

144, 188, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 77, 198, 74 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(198, 195, 74)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 74)  
}
```

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(198, 195, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 74) }
```

Border

The CSS property to change the border of an element to RYB 77, 198, 74 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(198, 195, 74) }
```

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

```
.border{ border-color:rgb(198, 195, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 74);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
74) }
```

Background

The CSS property to change the background color of an element to RYB 77, 198, 74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 74) }
```

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

```
.background{ background-color: rgb(198,  
195, 74) }
```

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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