

Converting Colors

`RYB(118, 194, 61)`

Have a look what the booklet for
RYB(118, 194, 61) contains.

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Color

`RYB(118, 194, 61)`

Conversions

Conversions Part 1

Format	Color
Hex	C29A3D
RGB	194, 154, 61
RGB Percent	76%, 60%, 24%
CMY	0.2392, 0.3957, 0.7608
CMYK	0.00, 0.21, 0.69, 0.24
HSL	42°, 52%, 50%
HSV	42°, 69%, 76%
XYZ	34.6626, 34.9505, 9.3341
YIQ	155.3580, 53.6930, -20.4430

Conversions

Conversions Part 2

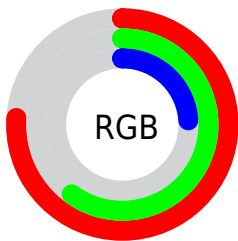
Format	Color
RYB	118, 194, 61
Decimal	12753469
CIELab	65.71, 5.03, 52.69
CIELCh	66, 52.933, 84.549
Yxy	34.9505, 0.4391, 0.4427
Android (android.graphics.Color)	4290943549 (0xFFC29A3D)
YUV	155.3580, -46.5185, 33.8890
Hunter-Lab	59.1189, 1.1998, 32.0222

Details

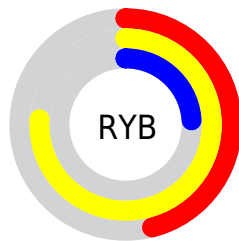
The RYB color **118, 194, 61** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **61, 92, 194**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **181, 254, 113**, and **45, 137, 0** is the 20% darker color. If you saturate the color by 10%, you get **108, 194, 42**, and if you desaturate by 10%, it is **128, 194, 80**.

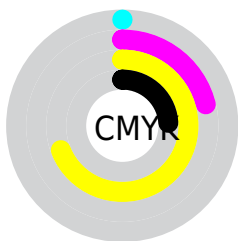
Distribution



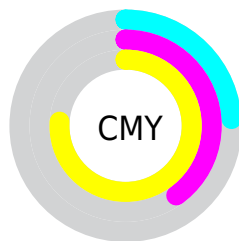
- Red (76%)
- Green (60%)
- Blue (24%)



- Red (46%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (69%)
- Black (24%)





















- Cyan (24%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 194, 61 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 118, 194, 61 by changing the saturation by 10% instead.

 118, 194, 61	 118, 194, 61
255, 255, 255	 86, 165, 34
 181, 254, 113	 45, 137, 0
 163, 255, 140	 41, 109, 0
 167, 255, 167	 36, 82, 0
 195, 255, 195	 29, 55, 0
 223, 255, 223	 31, 29, 0
252, 255, 252	 0, 0, 0

 118, 194, 61	 118, 194, 61
 108, 194, 42	 128, 194, 80

■ 97, 194, 22

■ 140, 194, 100

■ 84, 194, 3

■ 150, 194, 119

■ 83, 194, 0

■ 164, 194, 139

■ 174, 194, 158

■ 184, 194, 177

■ 194, 195, 197

■ 194, 199, 216

■ 194, 203, 236

Harmonies

Analogous

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



229, 166, 83



118, 194, 61



69, 169, 90

Triad

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



118, 194, 61



0, 95, 198



210, 132, 215

Complementary

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



118, 194, 61



61, 92, 194

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.



148, 151, 246



118, 194, 61



0, 101, 236

Square

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



118, 194, 61



0, 101, 183



5, 103, 254



242, 119, 170

Rectangle

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



118, 194, 61



89, 175, 153



5, 103, 254



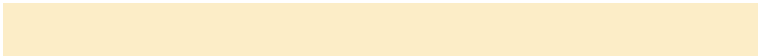
193, 138, 228

Sweetspot

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



118, 194, 61



220, 252, 199



194, 61, 101



111, 128, 96



0, 0, 0



128, 128, 128

Same Dimension

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



118, 194, 61



134, 252, 45



61, 194, 88



91, 97, 87



70, 161, 0



14, 33, 0

Inverse Universe

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



61, 92, 194



45, 93, 252



88, 61, 194



87, 89, 97



0, 37, 161



0, 8, 33

Previews

White Background



This preview shows how the RYB color 118, 194, 61 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 118, 194, 61 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 118, 194, 61 Background



This preview shows how black text looks on a background with the RYB color 118, 194, 61.



This preview shows how white text looks on a background with the RYB color 118, 194, 61.

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

118, 194, 61

Protanopia

84, 178, 63

Deuteranopia

134, 199, 62



Tritanopia
201, 144, 156

Trichromacy



Original Color

118, 194, 61

Protanomaly

95, 184, 62

Deuteranomaly

127, 197, 62

Tritanomaly

198, 163, 121

Monochromacy



Original Color

118, 194, 61

Achromatopsia

155, 155, 155

Achromatomaly

141, 169, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 194, 61 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(194, 154, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 154, 61)  
}
```

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(194, 154, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 154, 61) }
```

Border

The CSS property to change the border of an element to RYB 118, 194, 61 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(194, 154, 61) }
```

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

```
.border{ border-color:rgb(194, 154, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 154, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 154, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 154, 61);  
box-shadow:4px 4px 4px 4px rgb(194, 154,  
61) }
```

Background

The CSS property to change the background color of an element to RGB 118, 194, 61 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 154, 61) }
```

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

```
.background{ background-color: rgb(194,  
154, 61) }
```

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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