

Converting Colors

`RYB(155, 206, 100)`

Have a look what the booklet for
RYB(155, 206, 100) contains.

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Color

R_YB(155, 206, 100)

Conversions

Conversions Part 1

Format	Color
Hex	CEAA64
RGB	206, 170, 100
RGB Percent	81%, 67%, 39%
CMY	0.1922, 0.3342, 0.6078
CMYK	0.00, 0.18, 0.51, 0.19
HSL	40°, 52%, 60%
HSV	40°, 51%, 81%
XYZ	42.0890, 42.7122, 18.0825
YIQ	172.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

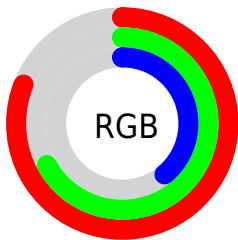
Format	Color
RYB	155, 206, 100
Decimal	13544036
CIELab	71.36, 4.56, 40.69
CIELCh	71, 40.940, 83.607
Yxy	42.7122, 0.4091, 0.4152
Android (android.graphics.Color)	4291734116 (0xFFCEAA64)
YUV	172.7840, -35.8825, 29.1304
Hunter-Lab	65.3546, 0.5852, 29.3437

Details

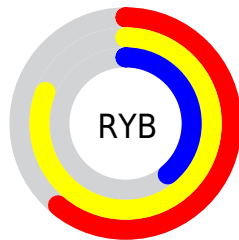
The RYB color **155, 206, 100** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **100, 127, 206**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **194, 255, 152**, and **96, 149, 51** is the 20% darker color. If you saturate the color by 10%, you get **144, 206, 79**, and if you desaturate by 10%, it is **165, 206, 121**.

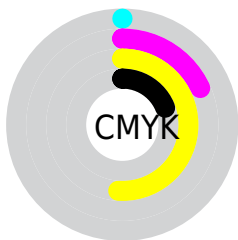
Distribution



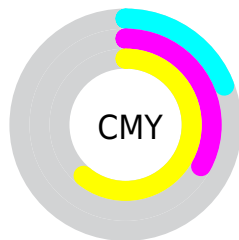
- Red (81%)
- Green (67%)
- Blue (39%)



- Red (61%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 206, 100 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 155, 206, 100 by changing the saturation by 10% instead.

 155, 206, 100

255, 255, 255

 194, 255, 152

 180, 255, 179

 207, 255, 207

 236, 255, 236

 155, 206, 100

 126, 177, 75

 96, 149, 51

 68, 122, 26

 34, 95, 0

 32, 70, 0

 28, 44, 0

 18, 1, 0

 0, 0, 0

 155, 206, 100

 155, 206, 100

144, 206, 79

165, 206, 121

135, 206, 59

174, 206, 141

124, 206, 38

185, 206, 162

115, 206, 18

194, 206, 182

106, 206, 0

205, 206, 203

206, 211, 224

206, 216, 244

206, 220, 255

206, 223, 255

Harmonies

Analogous

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



234, 179, 116



155, 206, 100



105, 182, 118

Triad

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



155, 206, 100



0, 99, 203



214, 155, 219

Complementary

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



155, 206, 100



100, 127, 206

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.



167, 168, 243



155, 206, 100



2, 106, 234

Square

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



155, 206, 100



72, 141, 194



103, 154, 248



241, 146, 184

Rectangle

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



155, 206, 100



119, 187, 165



103, 154, 248



200, 159, 229

Sweetspot

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



155, 206, 100



237, 255, 217



206, 100, 137



117, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



155, 206, 100



179, 255, 97



100, 206, 116



96, 102, 92



87, 166, 0



20, 38, 0

Inverse Universe

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



100, 127, 206



97, 137, 255



116, 100, 206



92, 94, 102



0, 42, 166



0, 10, 38

Previews

White Background



This preview shows how the RYB color 155, 206, 100 looks on a white background.

Color Contrast Check

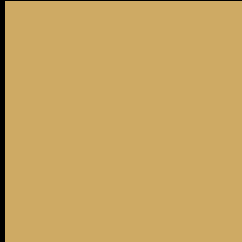
Large Text (above 18pt) WCAG AA × Fail

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 155, 206, 100 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 155, 206, 100 Background



This preview shows how black text looks on a background with the RYB color 155, 206, 100.



This preview shows how white text looks on a background with the RYB color 155, 206, 100.


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

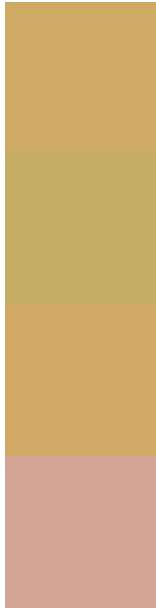


Original Color 155, 206, 100
Protanopia 123, 192, 102
Deuteranopia 179, 213, 101



Tritanopia
213, 161, 174

Trichromacy



Original Color

155, 206, 100

Protanomaly

133, 197, 101

Deuteranomaly

169, 210, 101

Tritanomaly

210, 170, 147

Monochromacy



Original Color

155, 206, 100

Achromatopsia

173, 173, 173

Achromatomaly

166, 185, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 206, 100 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(206, 170, 100)` looks like.

```
.text, #text, p{  
    color:rgb(206, 170, 100)  
}
```

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(206, 170, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 170, 100) }
```

Border

The CSS property to change the border of an element to RYB 155, 206, 100 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(206, 170, 100) }
```

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

```
.border{ border-color:rgb(206, 170, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 170, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 170, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 170, 100);  
box-shadow:4px 4px 4px 4px rgb(206, 170,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 155, 206, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 170, 100) }
```

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

```
.background{ background-color: rgb(206,  
170, 100) }
```

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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