

Converting Colors

`RYB(145, 202, 107)`

Have a look what the booklet for
RYB(145, 202, 107) contains.

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Color

$\text{RYB}(145, 202, 107)$

Conversions

Conversions Part 1

Format	Color
Hex	CAAF6B
RGB	202, 175, 107
RGB Percent	79%, 69%, 42%
CMY	0.2078, 0.3143, 0.5804
CMYK	0.00, 0.13, 0.47, 0.21
HSL	43°, 47%, 61%
HSV	43°, 47%, 79%
XYZ	42.3131, 44.2225, 20.2156
YIQ	175.3210, 37.9200, -15.4240

Conversions

Conversions Part 2

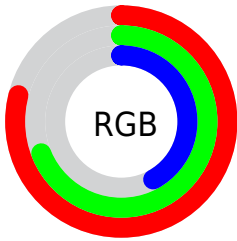
Format	Color
RYB	145, 202, 107
Decimal	13283179
CIELab	72.38, 0.85, 38.28
CIElCh	72, 38.287, 88.732
Yxy	44.2225, 0.3964, 0.4143
Android (android.graphics.Color)	4291473259 (0xFFCAA6B)
YUV	175.3210, -33.6823, 23.3975
Hunter-Lab	66.5000, -2.7975, 28.5262

Details

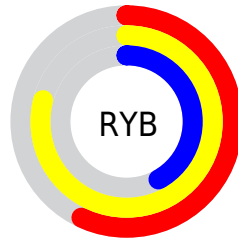
The RYB color **145, 202, 107** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **107, 128, 202**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **193, 255, 159**, and **89, 146, 58** is the 20% darker color. If you saturate the color by 10%, you get **133, 202, 87**, and if you desaturate by 10%, it is **156, 202, 127**.

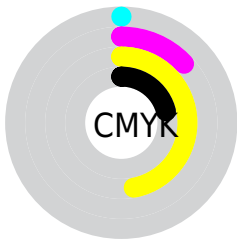
Distribution



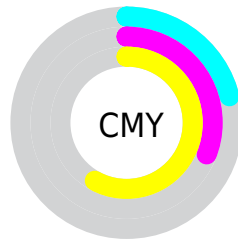
- Red (79%)
- Green (69%)
- Blue (42%)



- Red (57%)
- Yellow (79%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 202, 107 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 145, 202, 107 by changing the saturation by 10% instead.

■ 145, 202, 107

255, 255, 255

■ 193, 255, 159

■ 187, 255, 187

■ 215, 255, 215

■ 243, 255, 243

■ 145, 202, 107

■ 118, 174, 82

■ 89, 146, 58

■ 62, 119, 34

■ 32, 93, 8

■ 21, 68, 0

■ 15, 42, 0

■ 13, 15, 0

■ 0, 0, 0

■ 145, 202, 107

■ 145, 202, 107

■ 133, 202, 87

■ 156, 202, 127

■ 122, 202, 67

■ 170, 202, 147

■ 107, 202, 46

■ 182, 202, 168

■ 96, 202, 26

■ 194, 202, 188

■ 84, 202, 6

■ 202, 204, 208

■ 81, 202, 0

■ 202, 208, 228

■ 202, 212, 248

■ 202, 216, 255

■ 202, 219, 255

Harmonies

Analogous

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



230, 192, 119



145, 202, 107



115, 185, 134

Triad

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



145, 202, 107



33, 118, 210



220, 157, 214

Complementary

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



145, 202, 107



107, 128, 202

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.



179, 169, 239



145, 202, 107



63, 137, 236

Square

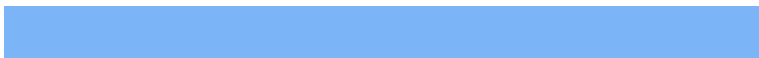
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



145, 202, 107



78, 143, 196



124, 163, 247



242, 150, 180

Rectangle

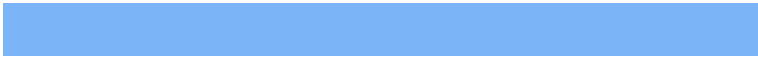
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145, 202, 107



130, 191, 182



124, 163, 247



209, 161, 224

Sweetspot

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



145, 202, 107



233, 255, 219



202, 107, 136



116, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



145, 202, 107



169, 255, 112



107, 202, 126



96, 102, 92



68, 166, 0



15, 38, 0

Inverse Universe

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



107, 128, 202



112, 144, 255



126, 107, 202



92, 94, 102



0, 37, 166



0, 9, 38

Previews

White Background



This preview shows how the RYB color 145, 202, 107 looks on a white background.

Color Contrast Check

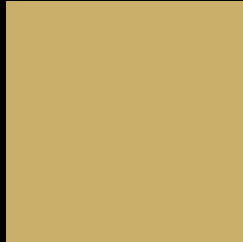
Large Text (above 18pt) WCAG AA × Fail

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 145, 202, 107 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 145, 202, 107 Background



This preview shows how black text looks on a background with the RYB color 145, 202, 107.



This preview shows how white text looks on a background with the RYB color 145, 202, 107.

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


145, 202, 107

Protanopia

128, 194, 108

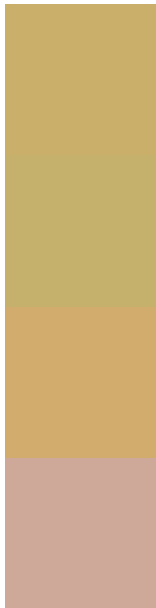
Deuteranopia

186, 215, 108



Tritanopia
209, 166, 179

Trichromacy



Original Color
145, 202, 107

Protanomaly
134, 197, 108

Deuteranomaly
169, 210, 108

Tritanomaly
206, 176, 153

Monochromacy



Original Color
145, 202, 107

Achromatopsia
175, 175, 175

Achromatomaly
164, 185, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 202, 107 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(202, 175, 107)` looks like.

```
.text, #text, p{  
    color:rgb(202, 175, 107)  
}
```

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(202, 175, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 175, 107) }
```

Border

The CSS property to change the border of an element to RYB 145, 202, 107 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(202, 175, 107) }
```

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

```
.border{ border-color:rgb(202, 175, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 175, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 175, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 175, 107);  
box-shadow:4px 4px 4px 4px rgb(202, 175,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 145, 202, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 175, 107) }
```

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

```
.background{ background-color: rgb(202,  
175, 107) }
```

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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