

Converting Colors

`RYB(125, 201, 120)`

Have a look what the booklet for
RYB(125, 201, 120) contains.

RYB(125, 201, 120)	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

R_YB(125, 201, 120)

Conversions

Conversions Part 1

Format	Color
Hex	C9C478
RGB	201, 196, 120
RGB Percent	79%, 77%, 47%
CMY	0.2118, 0.2302, 0.5294
CMYK	0.00, 0.02, 0.40, 0.21
HSL	57°, 43%, 63%
HSV	57°, 40%, 79%
XYZ	47.2831, 53.3847, 25.5815
YIQ	188.8310, 27.3760, -22.5760

Conversions

Conversions Part 2

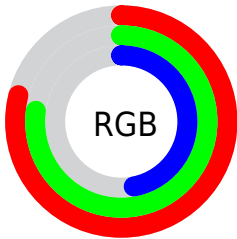
Format	Color
RYB	125, 201, 120
Decimal	13223032
CIELab	78.10, -9.43, 38.83
CIELCh	78, 39.962, 103.649
Yxy	53.3847, 0.3745, 0.4229
Android (android.graphics.Color)	4291413112 (0xFFC9C478)
YUV	188.8310, -33.9337, 10.6722
Hunter-Lab	73.0648, -12.3491, 30.3867

Details

The RYB color **125, 201, 120** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **120, 125, 201**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **176, 255, 173**, and **74, 146, 70** is the 20% darker color. If you saturate the color by 10%, you get **106, 201, 100**, and if you desaturate by 10%, it is **144, 201, 140**.

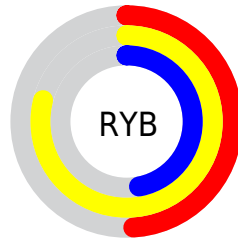
Distribution



Red (79%)

Green (77%)

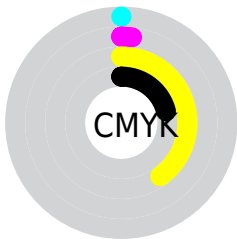
Blue (47%)



Red (49%)

Yellow (79%)

Blue (47%)

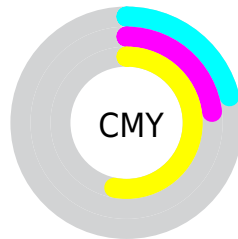


Cyan (0%)

Magenta (2%)

Yellow (40%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the RYB color 125, 201, 120 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 125, 201, 120 by changing the saturation by 10% instead.

 125, 201, 120

 125, 201, 120

255, 255, 255

 98, 173, 94


 175, 255, 173

 73, 146, 70

 201, 255, 201

 47, 119, 45

 229, 255, 229

 21, 93, 21

 0, 69, 1

 0, 47, 3

 0, 27, 8

 0, 0, 0

 125, 201, 120

 125, 201, 120

■ 106, 201, 100

■ 144, 201, 140

■ 87, 201, 80

■ 162, 201, 160

■ 68, 201, 60

■ 181, 201, 180

■ 50, 201, 40

■ 200, 201, 200

■ 32, 201, 20

■ 201, 202, 221

■ 13, 201, 0

■ 201, 203, 241

■ 201, 204, 255

■ 201, 206, 255

■ 201, 206, 255

Harmonies

Analogous

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



218, 236, 122



125, 201, 120



138, 206, 184

Triad

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



125, 201, 120



50, 137, 243



253, 167, 215

Complementary

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



125, 201, 120



120, 125, 201

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.



219, 177, 247



125, 201, 120



106, 165, 255

Square

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



125, 201, 120



64, 140, 213



168, 186, 255



255, 165, 177

Rectangle

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



125, 201, 120



129, 188, 210



168, 186, 255



244, 170, 227

Sweetspot

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



125, 201, 120



226, 255, 224



201, 120, 125



112, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



125, 201, 120



140, 255, 133



120, 201, 155



90, 99, 90



10, 163, 0



2, 36, 0

Inverse Universe

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



120, 125, 201



133, 140, 255



155, 120, 201



90, 90, 99



0, 9, 163



0, 2, 36

Previews

White Background



This preview shows how the RYB color 125, 201, 120 looks on a white background.

Color Contrast Check

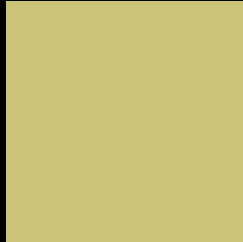
Large Text (above 18pt) WCAG AA × Fail

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 125, 201, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

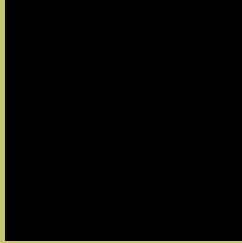
Any Text WCAG AA ✓ Pass

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 125, 201, 120 Background



This preview shows how black text looks on a background with the RYB color 125, 201, 120.



This preview shows how white text looks on a background with the RYB color 125, 201, 120.

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](#).

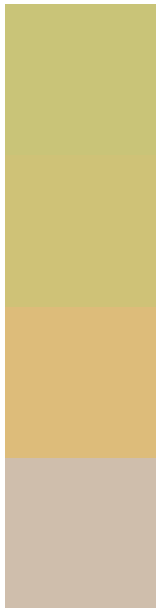
Dichromacy





Tritanopia
210, 187, 201

Trichromacy



Original Color
125, 201, 120

Protanomaly
134, 207, 119

Deuteranomaly
172, 221, 122

Tritanomaly
205, 207, 172

Monochromacy



Original Color
125, 201, 120

Achromatopsia
189, 189, 189

Achromatomaly
165, 193, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 201, 120 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(201, 196, 120)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 120)  
}
```

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(201, 196, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 120) }
```

Border

The CSS property to change the border of an element to RYB 125, 201, 120 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(201, 196, 120) }
```

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

```
.border{ border-color:rgb(201, 196, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 120);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 125, 201, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 120) }
```

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

```
.background{ background-color: rgb(201,  
196, 120) }
```

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