

Converting Colors

`RYB(207, 220, 125)`

Have a look what the booklet for
RYB(207, 220, 125) contains.

RYB(207, 220, 125)	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(207, 220, 125)

Conversions

Conversions Part 1

Format	Color
Hex	DCB07D
RGB	220, 176, 125
RGB Percent	86%, 69%, 49%
CMY	0.1373, 0.3098, 0.5098
CMYK	0.00, 0.20, 0.43, 0.14
HSL	32°, 58%, 68%
HSV	32°, 43%, 86%
XYZ	48.7400, 47.7425, 26.0484
YIQ	183.3420, 42.5950, -6.5330

Conversions

Conversions Part 2

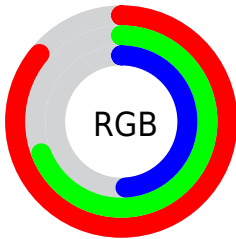
Format	Color
R_{YB}	207, 220, 125
Decimal	14463101
CIE _{Lab}	74.66, 9.42, 32.16
CIE _{LCh}	75, 33.509, 73.669
Yxy	47.7425, 0.3978, 0.3896
Android (android.graphics.Color)	4292653181 (0xFFDCB07D)
YUV	183.3420, -28.7626, 32.1491
Hunter-Lab	69.0960, 4.9951, 26.0155

Details

The RYB color **207, 220, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 155, 220**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **211, 255, 178**, and **145, 163, 75** is the 20% darker color. If you saturate the color by 10%, you get **203, 220, 103**, and if you desaturate by 10%, it is **211, 220, 147**.

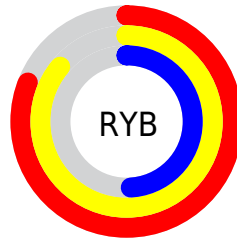
Distribution



Red (86%)

Green (69%)

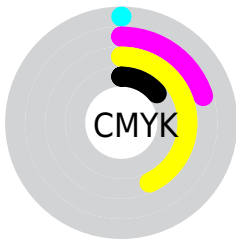
Blue (49%)



Red (81%)

Yellow (86%)

Blue (49%)

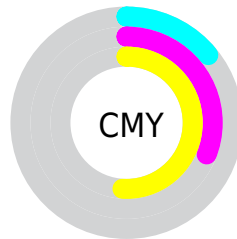


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 207, 220, 125 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 207, 220, 125 by changing the saturation by 10% instead.

 207, 220, 125

 207, 220, 125

255, 255, 255

 178, 191, 100

 211, 255, 178

 145, 163, 75

 206, 255, 206

 116, 135, 52

 234, 255, 234

 88, 109, 29

 54, 82, 5

 48, 57, 0

 33, 12, 0


 0, 0, 0

 207, 220, 125

 207, 220, 125

 203, 220, 103

 211, 220, 147

 200, 220, 81


 214, 220, 169

 199, 220, 59

 215, 220, 191

 196, 220, 37

 218, 220, 213

 192, 220, 15

 220, 225, 235

 190, 220, 0

 220, 231, 255

 220, 235, 255

 220, 238, 255

Harmonies

Analogous

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



240, 173, 143



207, 220, 125



128, 191, 123

Triad

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



207, 220, 125



88, 146, 201



206, 171, 228

Complementary

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



207, 220, 125



125, 155, 220

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.



164, 179, 243



207, 220, 125



83, 147, 225

Square

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



207, 220, 125



120, 170, 199



117, 164, 242



234, 163, 202

Rectangle

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



207, 220, 125



132, 192, 156



117, 164, 242



193, 174, 235

Sweetspot

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



207, 220, 125



250, 255, 222



220, 125, 169



126, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



207, 220, 125



235, 255, 122



125, 220, 128



108, 110, 99



149, 173, 0



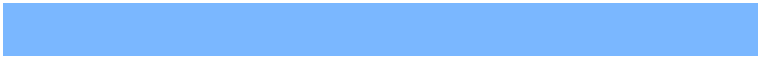
39, 46, 0

Inverse Universe

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



125, 155, 220



122, 164, 255



128, 125, 220



99, 102, 110



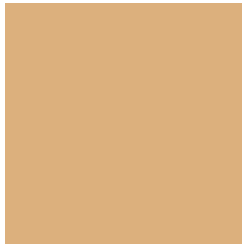
0, 55, 173



0, 14, 46

Previews

White Background



This preview shows how the RYB color 207, 220, 125 looks on a white background.

Color Contrast Check

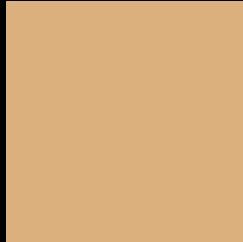
Large Text (above 18pt) WCAG AA × Fail

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 207, 220, 125 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 207, 220, 125 Background



This preview shows how black text looks on a background with the RYB color 207, 220, 125.


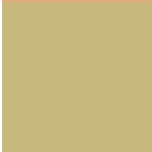




This preview shows how white text looks on a background with the RYB color 207, 220, 125.

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](#).

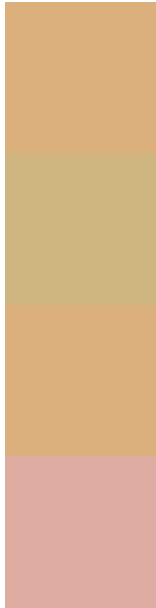
Dichromacy

	Original Color 207, 220, 125
	Protanopia 147, 199, 128
	Deuteranopia 207, 220, 125



Tritanopia
225, 169, 182

Trichromacy



Original Color

207, 220, 125

Protanomaly

166, 207, 127

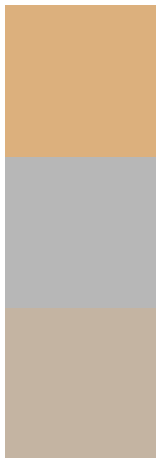
Deuteranomaly

207, 220, 125

Tritanomaly

223, 174, 161

Monochromacy



Original Color

207, 220, 125

Achromatopsia

183, 183, 183

Achromatomaly

192, 196, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 220, 125 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(220, 176, 125) looks like.

```
.text, #text, p{  
    color:rgb(220, 176, 125)  
}
```

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(220, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 176, 125) }
```

Border

The CSS property to change the border of an element to RYB 207, 220, 125 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(220, 176, 125) }
```

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

```
.border{ border-color:rgb(220, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(220, 176,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 220, 176, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 176, 125) }
```

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

```
.background{ background-color: rgb(220,  
176, 125) }
```

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