

Converting Colors

`RYB(207, 216, 123)`

Have a look what the booklet for
RYB(207, 216, 123) contains.

RYB(207, 216, 123)	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, 216, 123)

Conversions

Conversions Part 1

Format	Color
Hex	D8AC7B
RGB	216, 172, 123
RGB Percent	85%, 67%, 48%
CMY	0.1529, 0.3260, 0.5176
CMYK	0.00, 0.20, 0.43, 0.15
HSL	32°, 54%, 66%
HSV	32°, 43%, 85%
XYZ	46.6208, 45.4824, 25.0607
YIQ	179.5700, 41.9530, -5.9110

Conversions

Conversions Part 2

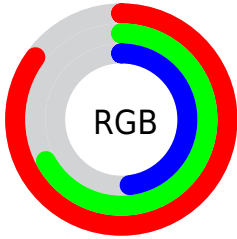
Format	Color
R_{YB}	207, 216, 123
Decimal	14199931
CIE _{Lab}	73.21, 9.80, 31.24
CIE _{LCh}	73, 32.742, 72.580
Yxy	45.4824, 0.3979, 0.3882
Android (android.graphics.Color)	4292390011 (0xFFD8AC7B)
YUV	179.5700, -27.8890, 31.9491
Hunter-Lab	67.4407, 5.3733, 25.1765

Details

The RYB color **207, 216, 123** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **123, 153, 216**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **219, 255, 176**, and **144, 159, 73** is the 20% darker color. If you saturate the color by 10%, you get **203, 216, 101**, and if you desaturate by 10%, it is **210, 216, 145**.

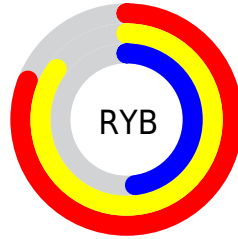
Distribution



Red (85%)

Green (67%)

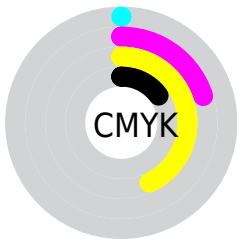
Blue (48%)



Red (81%)

Yellow (85%)

Blue (48%)

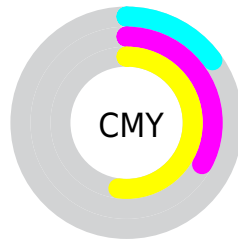


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 216, 123 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, 216, 123 by changing the saturation by 10% instead.

 207, 216, 123

 207, 216, 123

255, 255, 255

 178, 187, 98

 219, 255, 176

 144, 159, 73

 204, 255, 204

 117, 132, 50

 232, 255, 232

 87, 105, 27

 53, 79, 3

 50, 54, 0

 30, 5, 0


 0, 0, 0

 207, 216, 123


 207, 216, 123

 203, 216, 101

 210, 216, 145

 205, 216, 80


 212, 216, 166

 201, 216, 58

 212, 216, 188

 199, 216, 37

 214, 216, 209

 195, 216, 15

 216, 221, 231

 197, 216, 0

 216, 228, 253

 216, 232, 255

 216, 235, 255

 216, 236, 255

Harmonies

Analogous

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



235, 168, 141



207, 216, 123



128, 188, 121

Triad

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



207, 216, 123



88, 143, 196



200, 168, 224

Complementary

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



207, 216, 123



123, 153, 216

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.



159, 174, 238



207, 216, 123



82, 144, 219

Square

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



207, 216, 123



119, 168, 195



114, 160, 236



228, 159, 198

Rectangle

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



207, 216, 123



128, 188, 150



114, 160, 236



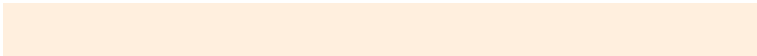
187, 171, 230

Sweetspot

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



207, 216, 123



253, 255, 222



216, 123, 168



126, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



207, 216, 123



242, 255, 122



123, 216, 125



105, 107, 96



154, 171, 0



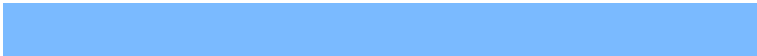
37, 43, 0

Inverse Universe

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



123, 153, 216



122, 165, 255



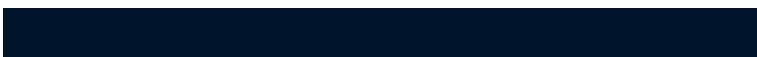
125, 123, 216



96, 99, 107



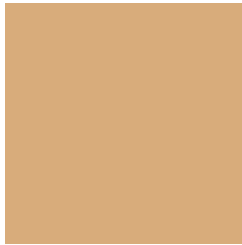
0, 55, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 207, 216, 123 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, 216, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

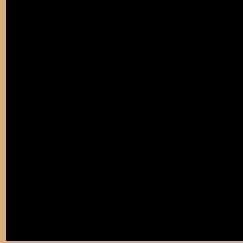
Any Text WCAG AA ✓ Pass

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 207, 216, 123 Background



This preview shows how black text looks on a background with the RYB color 207, 216, 123.



This preview shows how white text looks on a background with the RYB color 207, 216, 123.

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, 216, 123

Protanopia
144, 194, 126

Deuteranopia
204, 215, 123



Tritanopia
221, 165, 177

Trichromacy



Original Color
207, 216, 123

Protanomaly
162, 202, 125

Deuteranomaly
204, 215, 123

Tritanomaly
219, 169, 157

Monochromacy



Original Color
207, 216, 123

Achromatopsia
179, 179, 179

Achromatomaly
190, 192, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 216, 123 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(216, 172, 123)` looks like.

```
.text, #text, p{  
    color:rgb(216, 172, 123)  
}
```

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(216, 172, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 172, 123) }
```

Border

The CSS property to change the border of an element to RYB 207, 216, 123 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(216, 172, 123) }
```

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

```
.border{ border-color:rgb(216, 172, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 172, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 172, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 172, 123);  
box-shadow:4px 4px 4px 4px rgb(216, 172,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 207, 216, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 172, 123) }
```

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

```
.background{ background-color: rgb(216,  
172, 123) }
```

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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