

Converting Colors

`RYB(206, 221, 174)`

Have a look what the booklet for
RYB(206, 221, 174) contains.

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Color

R_YB(206, 221, 174)

Conversions

Conversions Part 1

Format	Color
Hex	DDCAAE
RGB	221, 202, 174
RGB Percent	87%, 79%, 68%
CMY	0.1333, 0.2080, 0.3176
CMYK	0.00, 0.09, 0.21, 0.13
HSL	36°, 41%, 77%
HSV	36°, 21%, 87%
XYZ	58.5704, 60.6514, 48.6643
YIQ	204.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

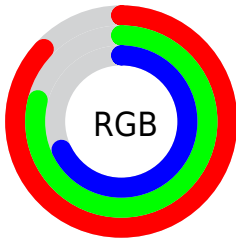
Format	Color
R _Y B	206, 221, 174
Decimal	14535342
CIE Lab	82.19, 2.25, 16.38
CIE LCh	82, 16.534, 82.189
Yxy	60.6514, 0.3489, 0.3613
Android (android.graphics.Color)	4292725422 (0xFFDDCAAE)
YUV	204.4890, -15.0311, 14.4801
Hunter-Lab	77.8790, -2.0439, 17.4667

Details

The RYB color **206, 221, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 188, 221**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **230, 255, 230**, and **152, 166, 122** is the 20% darker color. If you saturate the color by 10%, you get **199, 221, 152**, and if you desaturate by 10%, it is **213, 221, 196**.

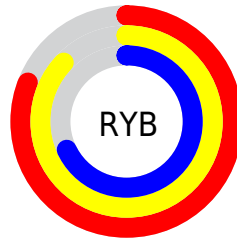
Distribution



Red (87%)

Green (79%)

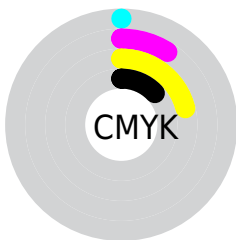
Blue (68%)



Red (81%)

Yellow (87%)

Blue (68%)

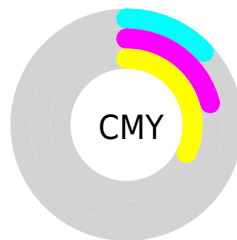


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (13%)



Cyan (13%)

Magenta (21%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 221, 174 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 206, 221, 174 by changing the saturation by 10% instead.

 206, 221, 174

255, 255, 255


 230, 255, 230

 206, 221, 174

 177, 193, 147

 152, 166, 122

 126, 139, 97

 100, 113, 73

 72, 88, 50

 50, 64, 29

 22, 42, 4

 17, 9, 0

 0, 0, 0

 206, 221, 174

 206, 221, 174

 199, 221, 152


 213, 221, 196

 192, 221, 130

 220, 221, 218


 186, 221, 108

 221, 227, 240


 179, 221, 86

 221, 232, 255

 172, 221, 64

 221, 236, 255

 164, 221, 41

 221, 238, 255

 157, 221, 19

 152, 221, 0

Harmonies

Analogous

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



233, 204, 181



206, 221, 174



176, 207, 179

Triad

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



206, 221, 174



164, 189, 216



221, 197, 224

Complementary

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



206, 221, 174



174, 188, 221

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.



202, 202, 233



206, 221, 174



168, 193, 228

Square

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



206, 221, 174



172, 196, 213



183, 199, 235



233, 194, 209

Rectangle

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



206, 221, 174



181, 210, 199



183, 199, 235



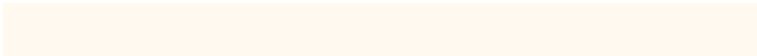
215, 198, 227

Sweetspot

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



206, 221, 174



250, 255, 240



221, 174, 194



126, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



206, 221, 174



235, 255, 189



174, 221, 178



108, 110, 99



118, 173, 0



32, 46, 0

Inverse Universe

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



174, 188, 221



189, 208, 255



178, 174, 221



99, 102, 110



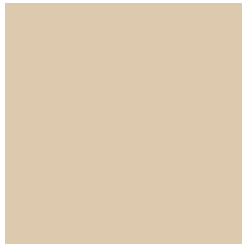
0, 50, 173



0, 13, 46

Previews

White Background



This preview shows how the RYB color 206, 221, 174 looks on a white background.

Color Contrast Check

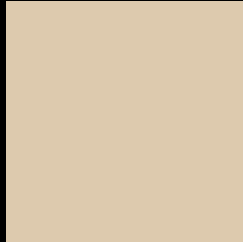
Large Text (above 18pt) WCAG AA × Fail

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 206, 221, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

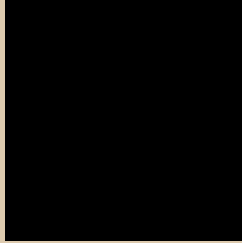
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

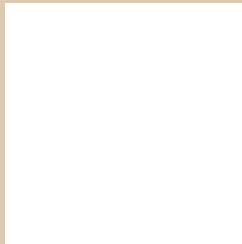
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 206, 221, 174 Background



This preview shows how black text looks on a background with the RYB color 206, 221, 174.



This preview shows how white text looks on a background with the RYB color 206, 221, 174.

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
206, 221, 174

Protanopia
190, 215, 175

Deuteranopia
235, 210, 175



Tritanopia
226, 197, 212

Trichromacy



Original Color

206, 221, 174

Protanomaly

196, 217, 175

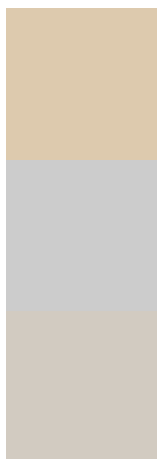
Deuteranomaly

230, 218, 175

Tritanomaly

224, 199, 198

Monochromacy



Original Color

206, 221, 174

Achromatopsia

204, 204, 204

Achromatomaly

205, 210, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 221, 174 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(221, 202, 174) looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 174)  
}
```

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(221, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 174) }
```

Border

The CSS property to change the border of an element to RYB 206, 221, 174 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(221, 202, 174) }
```

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

```
.border{ border-color:rgb(221, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 206, 221, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 174) }
```

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

```
.background{ background-color: rgb(221,  
202, 174) }
```

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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