

Converting Colors

`RYB(215, 208, 157)`

Have a look what the booklet for
RYB(215, 208, 157) contains.

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Color

R_YB(215, 208, 157)

Conversions

Conversions Part 1

Format	Color
Hex	D7B89D
RGB	215, 184, 157
RGB Percent	84%, 72%, 62%
CMY	0.1569, 0.2779, 0.3843
CMYK	0.00, 0.14, 0.27, 0.16
HSL	28°, 42%, 73%
HSV	28°, 27%, 84%
XYZ	51.2792, 51.2196, 39.0819
YIQ	190.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

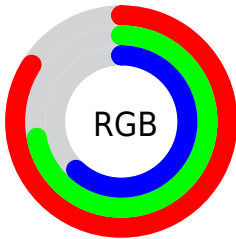
Format	Color
R_{YB}	215, 208, 157
Decimal	14137501
CIE _{Lab}	76.81, 6.99, 17.89
CIE _{LCh}	77, 19.202, 68.654
Yxy	51.2196, 0.3622, 0.3618
Android (android.graphics.Color)	4292327581 (0xFFD7B89D)
YUV	190.1910, -16.3632, 21.7575
Hunter-Lab	71.5679, 2.6536, 17.7203

Details

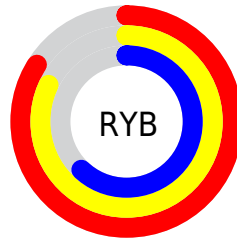
The RYB color **215, 208, 157** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **157, 177, 215**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **235, 255, 212**, and **159, 153, 106** is the 20% darker color. If you saturate the color by 10%, you get **215, 206, 136**, and if you desaturate by 10%, it is **215, 211, 179**.

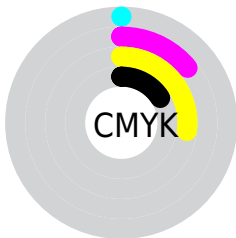
Distribution



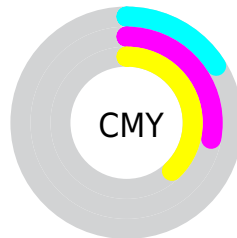
- Red (84%)
- Green (72%)
- Blue (62%)



- Red (84%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 208, 157 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 215, 208, 157 by changing the saturation by 10% instead.

 215, 208, 157

255, 255, 255


 235, 255, 212

 240, 255, 240

 215, 208, 157

 187, 180, 131

 159, 153, 106

 133, 129, 81

 107, 105, 58

 82, 82, 36

 56, 58, 15

 35, 33, 0

 0, 0, 0

 215, 208, 157


 215, 208, 157

 215, 206, 136


 215, 211, 179

 215, 202, 114


 215, 213, 200

 215, 200, 93


 215, 217, 222

 215, 196, 71


 215, 225, 243

 215, 196, 49

 215, 231, 255

 215, 191, 28

 215, 234, 255

 215, 191, 6

 215, 235, 255

 215, 190, 0

Harmonies

Analogous

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



225, 182, 168



215, 208, 157



165, 198, 155

Triad

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



215, 208, 157



145, 174, 200



199, 183, 217

Complementary

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



215, 208, 157



157, 177, 215

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.



176, 186, 224



215, 208, 157



143, 174, 211

Square

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



215, 208, 157



159, 187, 199



155, 180, 222



217, 179, 203

Rectangle

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



215, 208, 157



158, 194, 167



155, 180, 222



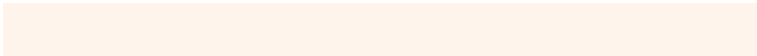
192, 185, 221

Sweetspot

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



215, 208, 157



255, 251, 235



215, 157, 188



128, 126, 115



0, 0, 0



128, 128, 128

Same Dimension

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



215, 208, 157



255, 247, 173



159, 215, 157



107, 105, 96



171, 150, 0



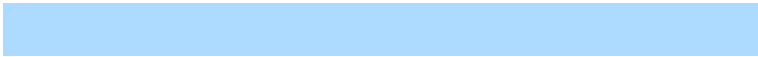
43, 37, 0

Inverse Universe

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



157, 177, 215



173, 202, 255



157, 159, 215



96, 100, 107



0, 59, 171



0, 15, 43

Previews

White Background



This preview shows how the RYB color 215, 208, 157 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 215, 208, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

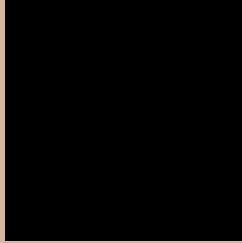
Any Text WCAG AA ✓ Pass

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 215, 208, 157 Background



This preview shows how black text looks on a background with the RYB color 215, 208, 157.



This preview shows how white text looks on a background with the RYB color 215, 208, 157.

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
215, 208, 157

Protanopia
175, 200, 160

Deuteranopia
219, 199, 157



Tritanopia
219, 179, 193

Trichromacy



Original Color

215, 208, 157

Protanomaly

189, 205, 159

Deuteranomaly

218, 202, 157

Tritanomaly

218, 181, 180

Monochromacy



Original Color

215, 208, 157

Achromatopsia

190, 190, 190

Achromatomaly

199, 197, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 208, 157 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(215, 184, 157) looks like.

```
.text, #text, p{  
    color:rgb(215, 184, 157)  
}
```

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(215, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 184, 157) }
```

Border

The CSS property to change the border of an element to RYB 215, 208, 157 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(215, 184, 157) }
```

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

```
.border{ border-color:rgb(215, 184, 157) }
```

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

Here you see how a box with a 4 pixel rgb(215, 184, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(215, 184,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 215, 184, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 184, 157) }
```

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

```
.background{ background-color: rgb(215,  
184, 157) }
```

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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