

Converting Colors

`RYB(219, 190, 147)`

Have a look what the booklet for
RYB(219, 190, 147) contains.

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Color

R_YB(219, 190, 147)

Conversions

Conversions Part 1

Format	Color
Hex	DBAE93
RGB	219, 174, 147
RGB Percent	86%, 68%, 58%
CMY	0.1412, 0.3180, 0.4235
CMYK	0.00, 0.21, 0.33, 0.14
HSL	22°, 50%, 72%
HSV	22°, 33%, 86%
XYZ	49.6008, 47.4085, 34.1403
YIQ	184.3770, 35.4870, 1.1430

Conversions

Conversions Part 2

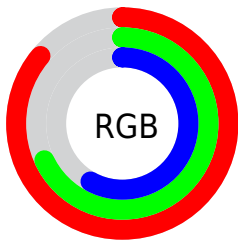
Format	Color
R _Y B	219, 190, 147
Decimal	14397075
CIE Lab	74.45, 12.68, 20.08
CIE LCh	74, 23.744, 57.727
Yxy	47.4085, 0.3782, 0.3615
Android (android.graphics.Color)	4292587155 (0xFFDBAE93)
YUV	184.3770, -18.4269, 30.3644
Hunter-Lab	68.8538, 8.0933, 18.7995

Details

The RYB color **219, 190, 147** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 175, 219**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **248, 255, 201**, and **163, 138, 96** is the 20% darker color. If you saturate the color by 10%, you get **219, 181, 125**, and if you desaturate by 10%, it is **219, 200, 169**.

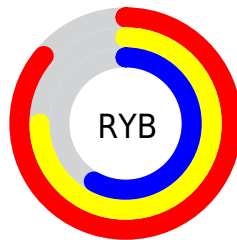
Distribution



Red (86%)

Green (68%)

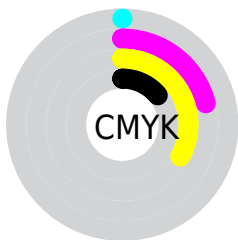
Blue (58%)



Red (86%)

Yellow (75%)

Blue (58%)

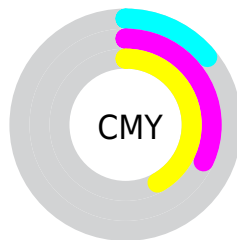


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 190, 147 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 219, 190, 147 by changing the saturation by 10% instead.

 219, 190, 147

255, 255, 255

 251, 255, 201

 229, 255, 229

 219, 190, 147

 191, 162, 121

 163, 136, 96

 136, 113, 72

 109, 88, 50

 84, 64, 28

 59, 50, 4

 36, 7, 0

 0, 0, 0

 219, 190, 147

 219, 190, 147

 219, 181, 125

 219, 200, 169

 219, 171, 103

 219, 207, 191

 219, 164, 81


 219, 216, 213

 219, 155, 59


 219, 225, 235

 219, 144, 38

 219, 233, 255

 219, 137, 16

 219, 237, 255

 219, 131, 0

Harmonies

Analogous

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



228, 169, 164



219, 190, 147



170, 201, 140

Triad

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



219, 190, 147



131, 167, 195



185, 178, 222

Complementary

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



219, 190, 147



147, 175, 219

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.



155, 177, 226



219, 190, 147



121, 160, 203

Square

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



219, 190, 147



153, 188, 193



130, 167, 219



210, 171, 207

Rectangle

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



219, 190, 147



141, 186, 141



130, 167, 219



175, 180, 224

Sweetspot

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



219, 190, 147



255, 244, 230



219, 147, 193



128, 122, 112



0, 0, 0



128, 128, 128

Same Dimension

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



219, 190, 147



255, 215, 156



159, 219, 147



110, 105, 99



173, 104, 0



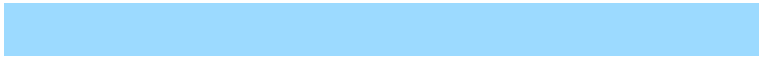
46, 27, 0

Inverse Universe

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



147, 175, 219



156, 194, 255



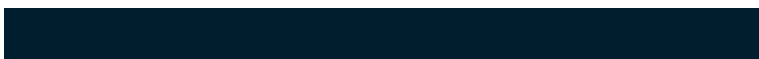
147, 156, 219



99, 103, 110



0, 67, 173



0, 18, 46

Previews

White Background



This preview shows how the RYB color 219, 190, 147 looks on a white background.

Color Contrast Check

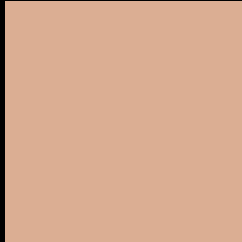
Large Text (above 18pt) WCAG AA × Fail

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 219, 190, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

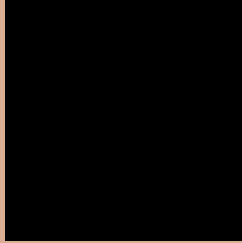
Any Text WCAG AA ✓ Pass

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 219, 190, 147 Background



This preview shows how black text looks on a background with the RYB color 219, 190, 147.



This preview shows how white text looks on a background with the RYB color 219, 190, 147.

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
219, 190, 147

Protanopia
166, 194, 151

Deuteranopia
214, 198, 147



Tritanopia
223, 169, 182

Trichromacy



Original Color

219, 190, 147

Protanomaly

191, 203, 150

Deuteranomaly

216, 194, 147

Tritanomaly

222, 171, 169

Monochromacy



Original Color

219, 190, 147

Achromatopsia

184, 184, 184

Achromatomaly

197, 185, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 190, 147 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(219, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 174, 147)  
}
```

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(219, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 174, 147) }
```

Border

The CSS property to change the border of an element to RYB 219, 190, 147 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(219, 174, 147) }
```

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

```
.border{ border-color:rgb(219, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 174, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 174, 147); box-shadow:4px 4px 4px 4px rgb(219, 174, 147) }
```

Background

The CSS property to change the background color of an element to RYB 219, 190, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 174, 147) }
```

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

```
.background{ background-color: rgb(219,  
174, 147) }
```

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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