

Converting Colors

`RYB(206, 174, 146)`

Have a look what the booklet for
RYB(206, 174, 146) contains.

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Color

R_YB(206, 174, 146)

Conversions

Conversions Part 1

Format	Color
Hex	CEA592
RGB	206, 165, 146
RGB Percent	81%, 65%, 57%
CMY	0.1922, 0.3526, 0.4275
CMYK	0.00, 0.20, 0.29, 0.19
HSL	19°, 38%, 69%
HSV	19°, 29%, 81%
XYZ	44.1134, 42.1402, 33.0030
YIQ	175.0930, 30.5350, 2.7830

Conversions

Conversions Part 2

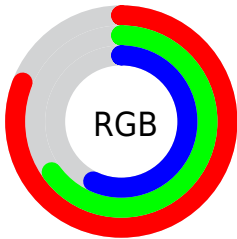
Format	Color
R _Y B	206, 174, 146
Decimal	13542802
CIE Lab	70.97, 12.26, 15.60
CIE LCh	71, 19.840, 51.827
Yxy	42.1402, 0.3699, 0.3534
Android (android.graphics.Color)	4291732882 (0xFFCEA592)
YUV	175.0930, -14.3428, 27.1054
Hunter-Lab	64.9155, 7.6979, 15.2979

Details

The RYB color **206, 174, 146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **146, 170, 206**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 231, 200**, and **151, 122, 95** is the 20% darker color. If you saturate the color by 10%, you get **206, 163, 125**, and if you desaturate by 10%, it is **206, 184, 167**.

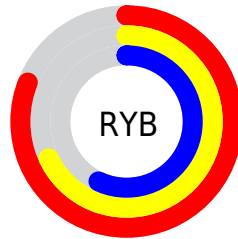
Distribution



Red (81%)

Green (65%)

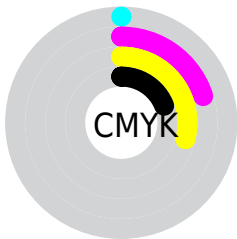
Blue (57%)



Red (81%)

Yellow (68%)

Blue (57%)

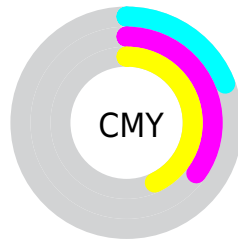


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 174, 146 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, 174, 146 by changing the saturation by 10% instead.


 206, 174, 146

 206, 174, 146

255, 255, 255


 178, 148, 120

 255, 231, 200

 151, 122, 95

 236, 255, 228

 124, 97, 72

 98, 73, 49


 73, 51, 28

 50, 35, 3

 28, 0, 0


 0, 0, 0

 206, 174, 146


 206, 174, 146

 206, 163, 125


 206, 184, 167

 206, 152, 105


 206, 196, 187

 206, 141, 84


 206, 207, 208

 206, 130, 64

 206, 215, 228

 206, 119, 43

 206, 223, 249

 206, 109, 22

 206, 229, 255

 206, 97, 2

 206, 231, 255

 206, 97, 0

Harmonies

Analogous

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



211, 161, 161



206, 174, 146



172, 192, 138

Triad

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



206, 174, 146



135, 164, 184



170, 171, 207

Complementary

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



206, 174, 146



146, 170, 206

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.



147, 167, 209



206, 174, 146



125, 155, 186

Square

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



206, 174, 146



151, 181, 179



129, 159, 201



192, 165, 196

Rectangle

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



206, 174, 146



144, 180, 138



129, 159, 201



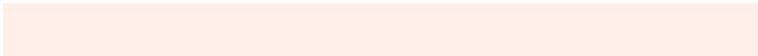
162, 171, 209

Sweetspot

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



206, 174, 146



255, 242, 232



206, 146, 187



128, 121, 113



0, 0, 0



128, 128, 128

Same Dimension

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



206, 174, 146



255, 207, 166



159, 206, 146



102, 96, 92



166, 78, 0



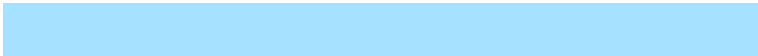
38, 18, 0

Inverse Universe

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



146, 170, 206



166, 202, 255



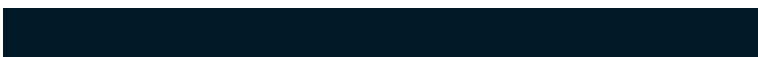
146, 155, 206



92, 96, 102



0, 67, 166



0, 15, 38

Previews

White Background



This preview shows how the RYB color 206, 174, 146 looks on a white background.

Color Contrast Check

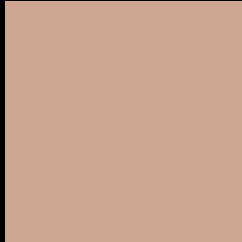
Large Text (above 18pt) WCAG AA × Fail

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, 174, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

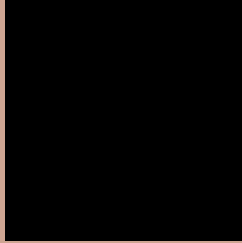
Any Text WCAG AA ✓ Pass

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 206, 174, 146 Background



This preview shows how black text looks on a background with the RYB color 206, 174, 146.



This preview shows how white text looks on a background with the RYB color 206, 174, 146.

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, 174, 146

Protanopia
163, 182, 150

Deuteranopia
201, 180, 146



Tritanopia
209, 161, 174

Trichromacy



Original Color
206, 174, 146

Protanomaly
191, 191, 149

Deuteranomaly
203, 177, 146

Tritanomaly
208, 162, 164

Monochromacy



Original Color
206, 174, 146

Achromatopsia
175, 175, 175

Achromatomaly
186, 174, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 174, 146 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(206, 165, 146) looks like.

```
.text, #text, p{  
    color:rgb(206, 165, 146)  
}
```

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(206, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 165, 146) }
```

Border

The CSS property to change the border of an element to RYB 206, 174, 146 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(206, 165, 146) }
```

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

```
.border{ border-color:rgb(206, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(206, 165,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 206, 174, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 165, 146) }
```

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

```
.background{ background-color: rgb(206,  
165, 146) }
```

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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