

Converting Colors

`RYB(228, 169, 144)`

Have a look what the booklet for
RYB(228, 169, 144) contains.

RYB(228, 169, 144)	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(228, 169, 144)

Conversions

Conversions Part 1

Format	Color
Hex	E4A390
RGB	228, 163, 144
RGB Percent	89%, 64%, 56%
CMY	0.1059, 0.3597, 0.4353
CMYK	0.00, 0.28, 0.37, 0.11
HSL	14°, 61%, 73%
HSV	14°, 37%, 89%
XYZ	50.1734, 44.7966, 32.3877
YIQ	180.2690, 44.8390, 7.8710

Conversions

Conversions Part 2

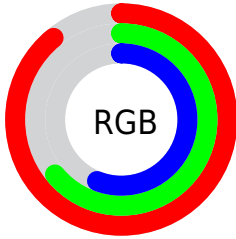
Format	Color
R _Y B	228, 169, 144
Decimal	14984080
CIE Lab	72.76, 21.52, 19.52
CIE LCh	73, 29.054, 42.219
Yxy	44.7966, 0.3940, 0.3517
Android (android.graphics.Color)	4293174160 (0xFFE4A390)
YUV	180.2690, -17.8806, 41.8601
Hunter-Lab	66.9302, 16.6824, 18.1606

Details

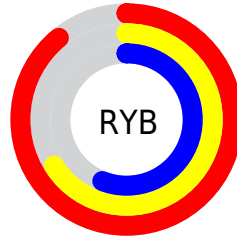
The RYB color **228, 169, 144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **144, 181, 228**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 229, 198**, and **171, 116, 94** is the 20% darker color. If you saturate the color by 10%, you get **228, 154, 121**, and if you desaturate by 10%, it is **228, 185, 167**.

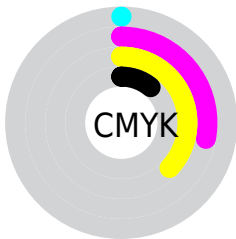
Distribution



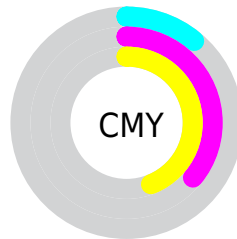
- Red (89%)
- Green (64%)
- Blue (56%)



- Red (89%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 169, 144 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 228, 169, 144 by changing the saturation by 10% instead.


 228, 169, 144

 228, 169, 144

255, 255, 255

 199, 143, 118

 255, 229, 198

 171, 116, 94

 237, 255, 226

 143, 90, 70

 116, 68, 47

 89, 44, 26

 64, 25, 0

 41, 0, 0

 0, 0, 0

 228, 169, 144

 228, 169, 144

■ 228, 154, 121

■ 228, 185, 167

■ 228, 137, 98

■ 228, 200, 190

■ 228, 121, 76

■ 228, 217, 212

■ 228, 105, 53

■ 228, 231, 235

■ 228, 88, 30

■ 228, 240, 255

■ 228, 73, 7

■ 228, 242, 255

■ 228, 67, 0

Harmonies

Analogous

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



232, 159, 168



228, 169, 144



208, 212, 128

Triad

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



228, 169, 144



126, 169, 192



160, 174, 230

Complementary

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



228, 169, 144



144, 181, 228

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.



123, 162, 228



228, 169, 144



102, 149, 193

Square

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



228, 169, 144



138, 188, 169



98, 149, 213



196, 168, 218

Rectangle

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



228, 169, 144



151, 196, 125



98, 149, 213



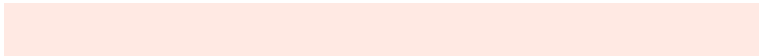
147, 171, 231

Sweetspot

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



228, 169, 144



255, 235, 227



228, 144, 210



128, 116, 111



0, 0, 0



128, 128, 128

Same Dimension

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



228, 169, 144



255, 177, 143



178, 228, 144



115, 107, 103



179, 53, 0



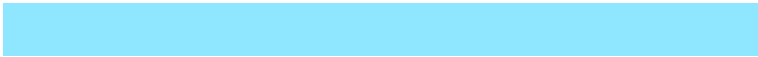
51, 16, 0

Inverse Universe

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



144, 181, 228



143, 192, 255



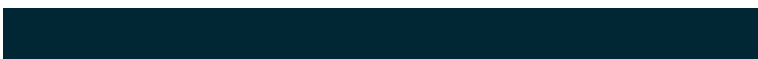
144, 163, 228



103, 108, 115



0, 78, 179



0, 22, 51

Previews

White Background



This preview shows how the RYB color 228, 169, 144 looks on a white background.

Color Contrast Check

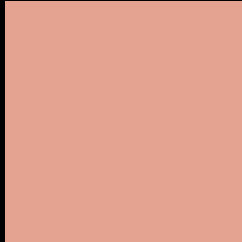
Large Text (above 18pt) WCAG AA × Fail

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 228, 169, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

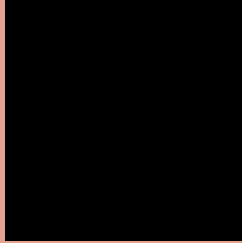
Any Text WCAG AA ✓ Pass

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 228, 169, 144 Background



This preview shows how black text looks on a background with the R/Y/B color 228, 169, 144.

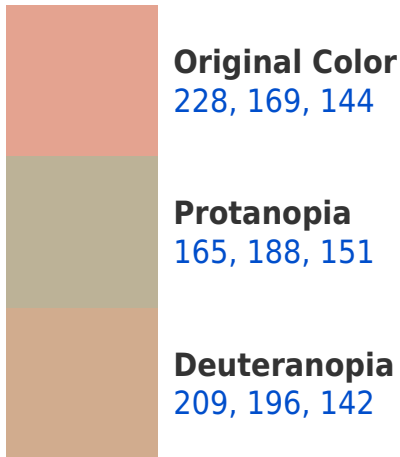



This preview shows how white text looks on a background with the R/Y/B color 228, 169, 144.

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





Tritanopia
231, 159, 171

Trichromacy



Original Color
228, 169, 144

Protanomaly
203, 194, 148

Deuteranomaly
216, 183, 143

Tritanomaly
230, 161, 161

Monochromacy



Original Color
228, 169, 144

Achromatopsia
180, 180, 180

Achromatomaly
197, 176, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 169, 144 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(228, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(228, 163, 144)  
}
```

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(228, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 163, 144) }
```

Border

The CSS property to change the border of an element to RYB 228, 169, 144 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(228, 163, 144) }
```

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

```
.border{ border-color:rgb(228, 163, 144) }
```

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

Here you see how a box with a 4 pixel rgb(228, 163, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(228, 163,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 228, 169, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 163, 144) }
```

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

```
.background{ background-color: rgb(228,  
163, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor