

Converting Colors

`RYB(229, 172, 163)`

Have a look what the booklet for
RYB(229, 172, 163) contains.

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Color

RYB(229, 172, 163)

Conversions

Conversions Part 1

Format	Color
Hex	E5ABA3
RGB	229, 171, 163
RGB Percent	90%, 67%, 64%
CMY	0.1020, 0.3297, 0.3608
CMYK	0.00, 0.25, 0.29, 0.10
HSL	7°, 56%, 77%
HSV	7°, 29%, 90%
XYZ	53.4718, 48.3980, 41.1738
YIQ	187.4300, 37.1360, 9.8080

Conversions

Conversions Part 2

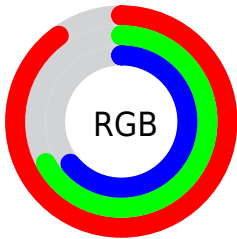
Format	Color
R _Y B	229, 172, 163
Decimal	15051683
CIE Lab	75.08, 20.20, 12.40
CIE LCh	75, 23.698, 31.548
Yxy	48.3980, 0.3738, 0.3383
Android (android.graphics.Color)	4293241763 (0xFFE5ABA3)
YUV	187.4300, -12.0440, 36.4569
Hunter-Lab	69.5686, 15.4533, 13.6076

Details

The RYB color **229, 172, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163, 194, 229**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 230, 218**, and **172, 119, 111** is the 20% darker color. If you saturate the color by 10%, you get **229, 153, 140**, and if you desaturate by 10%, it is **229, 192, 186**.

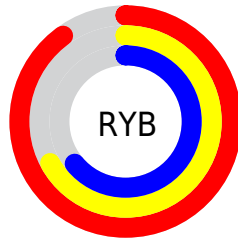
Distribution



Red (90%)

Green (67%)

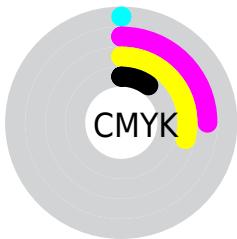
Blue (64%)



Red (90%)

Yellow (67%)

Blue (64%)

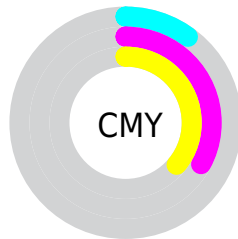


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 172, 163 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 229, 172, 163 by changing the saturation by 10% instead.

 229, 172, 163

 229, 172, 163

255, 255, 255

 200, 145, 137

 255, 228, 218

 172, 119, 111

 246, 255, 246

 145, 94, 87

 118, 70, 64


 92, 48, 42

 67, 25, 21

 44, 1, 0


 0, 0, 0

 229, 172, 163


 229, 172, 163

 229, 153, 140

 229, 192, 186

 229, 133, 117

 229, 211, 209

 229, 112, 94

 229, 230, 232

 229, 93, 71

 229, 241, 255

 229, 73, 49

 229, 242, 255

 229, 53, 26

 229, 34, 3

 229, 31, 0

Harmonies

Analogous

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



228, 169, 184



229, 172, 163



219, 196, 147

Triad

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



229, 172, 163



151, 186, 195



160, 179, 228

Complementary

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



229, 172, 163



163, 194, 229

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.



134, 169, 223



229, 172, 163



131, 167, 197

Square

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



229, 172, 163



147, 190, 161



123, 162, 207



190, 179, 222

Rectangle

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



229, 172, 163



185, 207, 142



123, 162, 207



151, 176, 227

Sweetspot

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



229, 172, 163



255, 235, 232



229, 163, 221



128, 115, 113



0, 0, 0



128, 128, 128

Same Dimension

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



229, 172, 163



255, 177, 166



203, 229, 163



115, 105, 103



179, 24, 0



51, 7, 0

Inverse Universe

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



163, 194, 229



166, 208, 255



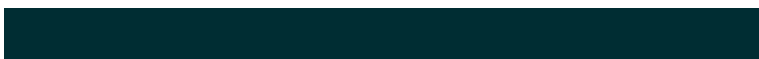
163, 181, 229



103, 108, 115



0, 84, 179



0, 24, 51

Previews

White Background



This preview shows how the RYB color 229, 172, 163 looks on a white background.

Color Contrast Check

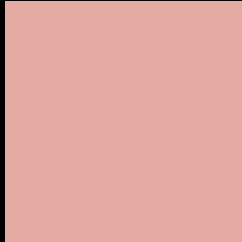
Large Text (above 18pt) WCAG AA × Fail

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 229, 172, 163 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 229, 172, 163 Background



This preview shows how black text looks on a background with the RYB color 229, 172, 163.



This preview shows how white text looks on a background with the RYB color 229, 172, 163.

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
229, 172, 163

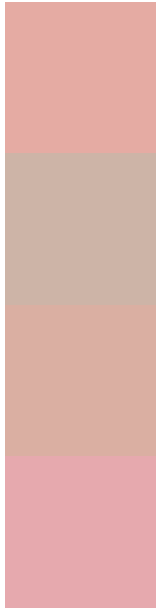
Protanopia
180, 192, 170

Deuteranopia
212, 186, 162



Tritanopia
231, 168, 181

Trichromacy



Original Color
229, 172, 163

Protanomaly
205, 187, 167

Deuteranomaly
218, 179, 162

Tritanomaly
230, 169, 174

Monochromacy



Original Color
229, 172, 163

Achromatopsia
187, 187, 187

Achromatomaly
202, 181, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 172, 163 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(229, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(229, 171, 163)  
}
```

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(229, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 171, 163) }
```

Border

The CSS property to change the border of an element to RYB 229, 172, 163 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(229, 171, 163) }
```

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

```
.border{ border-color:rgb(229, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(229, 171,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 229, 172, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 171, 163) }
```

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

```
.background{ background-color: rgb(229,  
171, 163) }
```

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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