

Converting Colors

`RYB(234, 180, 153)`

Have a look what the booklet for
RYB(234, 180, 153) contains.

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Color

R_YB(234, 180, 153)

Conversions

Conversions Part 1

Format	Color
Hex	EAAD99
RGB	234, 173, 153
RGB Percent	92%, 68%, 60%
CMY	0.0824, 0.3206, 0.4000
CMYK	0.00, 0.26, 0.35, 0.08
HSL	15°, 66%, 76%
HSV	15°, 35%, 92%
XYZ	54.6730, 49.7754, 36.8630
YIQ	188.9590, 42.7760, 6.7120

Conversions

Conversions Part 2

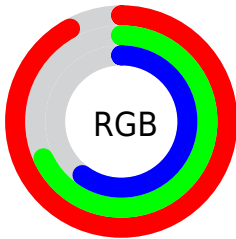
Format	Color
RYB	234, 180, 153
Decimal	15379865
CIELab	75.93, 19.57, 19.11
CIELCh	76, 27.355, 44.312
Yxy	49.7754, 0.3869, 0.3522
Android (android.graphics.Color)	4293569945 (0xFFEAAD99)
YUV	188.9590, -17.7278, 39.5010
Hunter-Lab	70.5517, 14.8604, 18.4074

Details

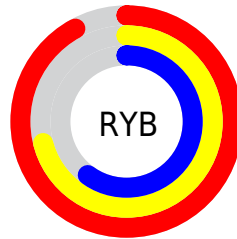
The RYB color **234, 180, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **153, 188, 234**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 248, 207**, and **177, 126, 102** is the 20% darker color. If you saturate the color by 10%, you get **234, 165, 130**, and if you desaturate by 10%, it is **234, 196, 176**.

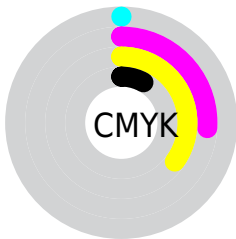
Distribution



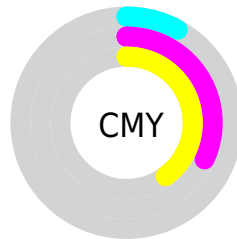
- Red (92%)
- Green (68%)
- Blue (60%)



- Red (92%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 180, 153 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 234, 180, 153 by changing the saturation by 10% instead.

 234, 180, 153

 234, 180, 153

255, 255, 255

 205, 154, 127

 255, 248, 207

 177, 127, 102

 236, 255, 236

 149, 102, 78

 122, 78, 55

 95, 55, 33

 70, 32, 12

 45, 6, 0

 5, 0, 0

 0, 0, 0

■ 234, 180, 153

■ 234, 180, 153

■ 234, 165, 130

■ 234, 196, 176

■ 234, 149, 106

■ 234, 210, 200

■ 234, 134, 83

■ 234, 227, 223

■ 234, 118, 59

■ 234, 239, 247

■ 234, 103, 36

■ 234, 245, 255

■ 234, 86, 13

■ 234, 79, 0

Harmonies

Analogous

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



239, 169, 176



234, 180, 153



209, 218, 139

Triad

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



234, 180, 153



136, 177, 200



173, 183, 236

Complementary

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



234, 180, 153



153, 188, 234

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.



138, 173, 235



234, 180, 153



116, 159, 201

Square

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



234, 180, 153



150, 196, 181



115, 162, 222



206, 177, 223

Rectangle

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



234, 180, 153



157, 202, 137



115, 162, 222



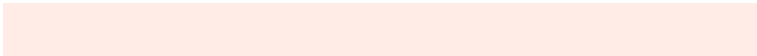
161, 181, 237

Sweetspot

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



234, 180, 153



255, 238, 230



234, 153, 214



128, 117, 112



0, 0, 0



128, 128, 128

Same Dimension

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



234, 180, 153



255, 184, 148



180, 234, 153



117, 110, 106



181, 60, 0



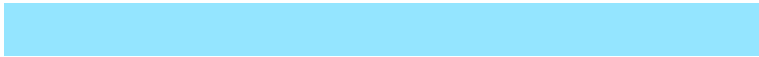
54, 17, 0

Inverse Universe

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



153, 188, 234



148, 194, 255



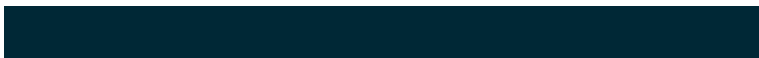
153, 169, 234



106, 111, 117



0, 78, 181



0, 23, 54

Previews

White Background



This preview shows how the RYB color 234, 180, 153 looks on a white background.

Color Contrast Check

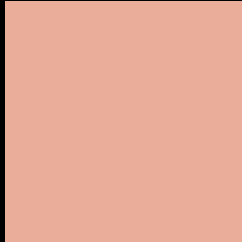
Large Text (above 18pt) WCAG AA × Fail

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 234, 180, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

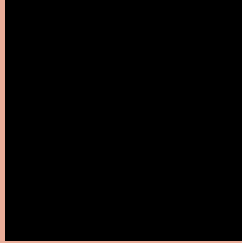
Any Text WCAG AA ✓ Pass

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 234, 180, 153 Background



This preview shows how black text looks on a background with the RYB color 234, 180, 153.



This preview shows how white text looks on a background with the RYB color 234, 180, 153.

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
234, 180, 153

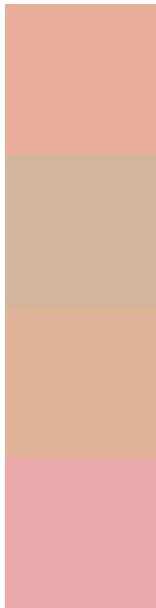
Protanopia
174, 197, 160

Deuteranopia
218, 201, 152



Tritanopia
237, 169, 182

Trichromacy



Original Color
234, 180, 153

Protanomaly
210, 204, 157

Deuteranomaly
224, 193, 152

Tritanomaly
236, 171, 171

Monochromacy



Original Color
234, 180, 153

Achromatopsia
189, 189, 189

Achromatomaly
205, 185, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 180, 153 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(234, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(234, 173, 153)  
}
```

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(234, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 173, 153) }
```

Border

The CSS property to change the border of an element to RYB 234, 180, 153 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(234, 173, 153) }
```

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

```
.border{ border-color:rgb(234, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(234, 173,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 234, 180, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 173, 153) }
```

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

```
.background{ background-color: rgb(234,  
173, 153) }
```

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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