

Converting Colors

`RYB(230, 174, 160)`

Have a look what the booklet for
RYB(230, 174, 160) contains.

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Color

R_YB(230, 174, 160)

Conversions

Conversions Part 1

Format	Color
Hex	E6ACA0
RGB	230, 172, 160
RGB Percent	90%, 67%, 63%
CMY	0.0980, 0.3268, 0.3725
CMYK	0.00, 0.25, 0.30, 0.10
HSL	10°, 58%, 76%
HSV	10°, 30%, 90%
XYZ	53.6675, 48.7394, 39.8368
YIQ	187.9740, 38.4200, 8.5640

Conversions

Conversions Part 2

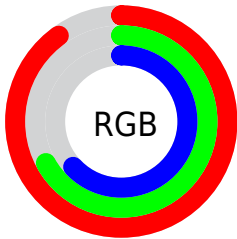
Format	Color
RYB	230, 174, 160
Decimal	15117472
CIELab	75.29, 19.78, 14.35
CIELCh	75, 24.435, 35.964
Yxy	48.7394, 0.3773, 0.3426
Android (android.graphics.Color)	4293307552 (0xFFE6ACA0)
YUV	187.9740, -13.7912, 36.8568
Hunter-Lab	69.8136, 15.0436, 15.0377

Details

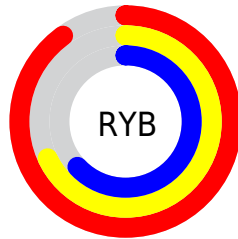
The RYB color **230, 174, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160, 192, 230**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 234, 215**, and **173, 121, 109** is the 20% darker color. If you saturate the color by 10%, you get **230, 155, 137**, and if you desaturate by 10%, it is **230, 193, 183**.

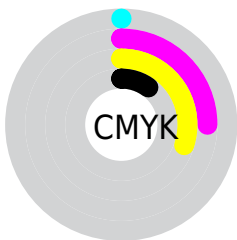
Distribution



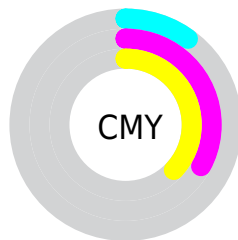
- Red (90%)
- Green (67%)
- Blue (63%)



- Red (90%)
- Yellow (68%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (10%)





- Cyan (10%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 174, 160 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 230, 174, 160 by changing the saturation by 10% instead.

 230, 174, 160

 230, 174, 160

255, 255, 255


 201, 147, 134


 255, 232, 215

 173, 121, 109

 243, 255, 243

 146, 96, 84


 119, 72, 61


 93, 48, 39


 67, 26, 19


 44, 3, 0


 0, 0, 0

 230, 174, 160


 230, 174, 160

 230, 155, 137


 230, 193, 183

 230, 137, 114

 230, 211, 206

 230, 119, 91

 230, 229, 229

 230, 100, 68

 230, 240, 252

 230, 82, 45

 230, 243, 255

 230, 64, 22

 230, 46, 0

Harmonies

Analogous

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



231, 169, 182



230, 174, 160



218, 205, 145

Triad

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



230, 174, 160



147, 183, 197



165, 181, 230

Complementary

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



230, 174, 160



160, 192, 230

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.



136, 171, 226



230, 174, 160



127, 165, 198

Square

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



230, 174, 160



149, 192, 168



122, 163, 211



195, 178, 222

Rectangle

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



230, 174, 160



175, 205, 141



122, 163, 211



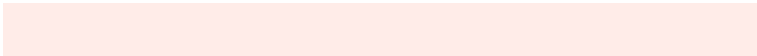
154, 177, 230

Sweetspot

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



230, 174, 160



255, 237, 232



230, 160, 218



128, 117, 113



0, 0, 0



128, 128, 128

Same Dimension

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



230, 174, 160



255, 179, 161



197, 230, 160



115, 105, 103



179, 36, 0



51, 9, 0

Inverse Universe

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



160, 192, 230



161, 204, 255



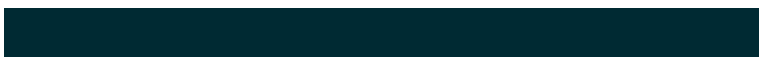
160, 177, 230



103, 108, 115



0, 81, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 230, 174, 160 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 230, 174, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

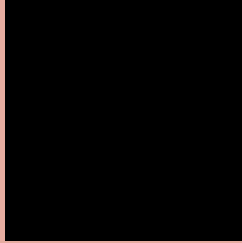
Any Text WCAG AA ✓ Pass

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 230, 174, 160 Background



This preview shows how black text looks on a background with the RYB color 230, 174, 160.

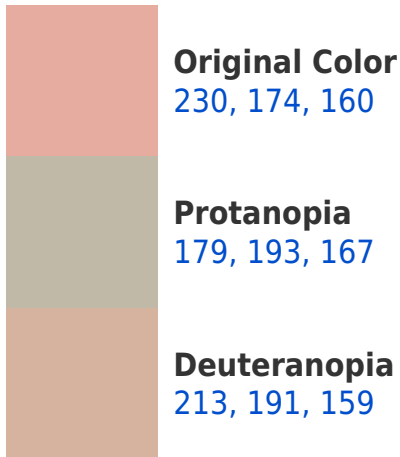


This preview shows how white text looks on a background with the RYB color 230, 174, 160.

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
232, 168, 181

Trichromacy



Original Color

230, 174, 160

Protanomaly

206, 190, 164

Deuteranomaly

219, 183, 159

Tritanomaly

231, 169, 173

Monochromacy



Original Color

230, 174, 160

Achromatopsia

188, 188, 188

Achromatomaly

203, 183, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 174, 160 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(230, 172, 160) looks like.

```
.text, #text, p{  
    color:rgb(230, 172, 160)  
}
```

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(230, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 172, 160) }
```

Border

The CSS property to change the border of an element to RYB 230, 174, 160 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(230, 172, 160) }
```

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

```
.border{ border-color:rgb(230, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(230, 172,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 230, 172, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 172, 160) }
```

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

```
.background{ background-color: rgb(230,  
172, 160) }
```

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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