

Converting Colors

`RYB(230, 141, 115)`

Have a look what the booklet for RYB(230, 141, 115) contains.

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Color

$\text{RYB}(230, 141, 115)$

Conversions

Conversions Part 1

Format	Color
Hex	E68873
RGB	230, 136, 115
RGB Percent	90%, 53%, 45%
CMY	0.0980, 0.4659, 0.5490
CMYK	0.00, 0.41, 0.50, 0.10
HSL	11°, 70%, 68%
HSV	11°, 50%, 90%
XYZ	44.5608, 35.7271, 20.7671
YIQ	161.7120, 62.7650, 13.3970

Conversions

Conversions Part 2

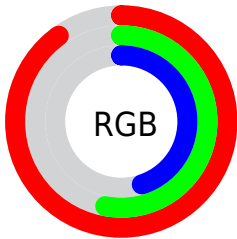
Format	Color
R _Y B	230, 141, 115
Decimal	15108211
CIE Lab	66.31, 33.64, 26.79
CIE LCh	66, 43.003, 38.536
Yxy	35.7271, 0.4410, 0.3535
Android (android.graphics.Color)	4293298291 (0xFFE68873)
YUV	161.7120, -23.0290, 59.8886
Hunter-Lab	59.7722, 28.4724, 21.2410

Details

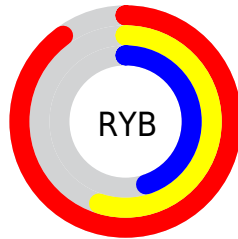
The RYB color **230, 141, 115** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **115, 167, 230**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 198, 167**, and **171, 89, 67** is the 20% darker color. If you saturate the color by 10%, you get **230, 123, 92**, and if you desaturate by 10%, it is **230, 159, 138**.

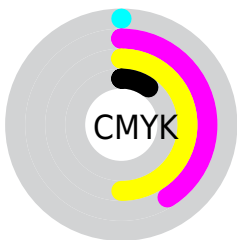
Distribution



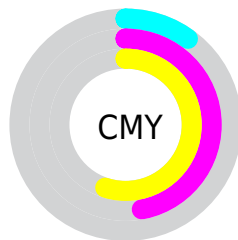
- Red (90%)
- Green (53%)
- Blue (45%)



- Red (90%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (10%)




- Cyan (10%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 141, 115 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, 141, 115 by changing the saturation by 10% instead.

 230, 141, 115


255, 255, 255

 255, 200, 167


 255, 236, 194

 231, 255, 222


 251, 255, 251

 230, 141, 115

 200, 114, 90

 171, 89, 67

 142, 63, 44

 114, 38, 23


 86, 9, 0


 59, 0, 0

 31, 0, 1


 0, 0, 0


 230, 141, 115

 230, 141, 115


 230, 123, 92

 230, 159, 138

 230, 106, 69

 230, 177, 161

 230, 88, 46

 230, 194, 184

 230, 70, 23

 230, 212, 207

 230, 51, 0

 230, 230, 230

 230, 240, 253

 230, 243, 255

Harmonies

Analogous

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



235, 130, 152



230, 141, 115



206, 208, 89

Triad

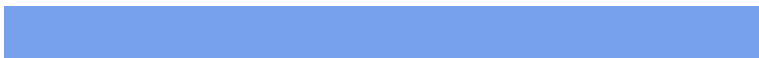
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 141, 115



81, 145, 179



119, 150, 237

Complementary

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



230, 141, 115



115, 167, 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.



8, 103, 232



230, 141, 115



0, 93, 181

Square

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



230, 141, 115



99, 173, 139



0, 96, 208



179, 147, 222

Rectangle

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



230, 141, 115



123, 187, 83



0, 96, 208



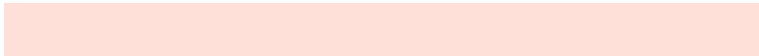
94, 142, 238

Sweetspot

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



230, 141, 115



255, 226, 217



230, 115, 209



128, 110, 105



0, 0, 0



128, 128, 128

Same Dimension

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



230, 141, 115



255, 136, 102



167, 230, 115



115, 105, 103



179, 40, 0



51, 11, 0

Inverse Universe

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



115, 167, 230



102, 171, 255



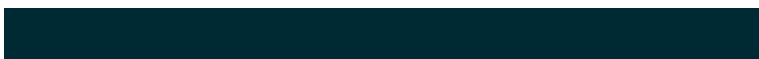
115, 142, 230



103, 108, 115



0, 80, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 230, 141, 115 looks on a white background.

Color Contrast Check

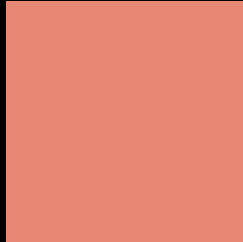
Large Text (above 18pt) WCAG AA × Fail

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, 141, 115 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, 141, 115 Background



This preview shows how black text looks on a background with the RYB color 230, 141, 115.

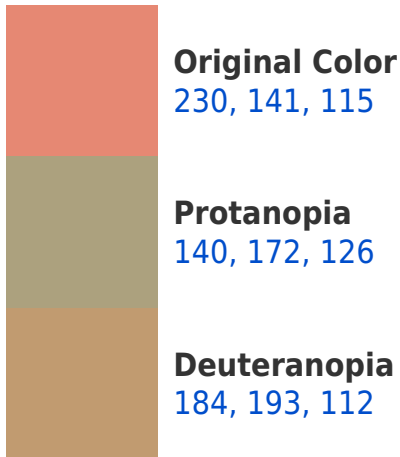


This preview shows how white text looks on a background with the RYB color 230, 141, 115.

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, 132, 142

Trichromacy



Original Color

230, 141, 115



Protanomaly

193, 174, 122



Deuteranomaly

206, 169, 113



Tritanomaly

231, 134, 132

Monochromacy



Original Color

230, 141, 115



Achromatopsia

162, 162, 162



Achromatomaly

187, 155, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 141, 115 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, 136, 115)` looks like.

```
.text, #text, p{  
    color:rgb(230, 136, 115)  
}
```

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, 136, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 136, 115) }
```

Border

The CSS property to change the border of an element to RYB 230, 141, 115 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, 136, 115) }
```

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

```
.border{ border-color:rgb(230, 136, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 136, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 136, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 136, 115);  
box-shadow:4px 4px 4px 4px rgb(230, 136,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 230, 141, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 136, 115) }
```

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

```
.background{ background-color: rgb(230,  
136, 115) }
```

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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