

Converting Colors

`RYB(230, 144, 164)`

Have a look what the booklet for
RYB(230, 144, 164) contains.

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Color

R_YB(230, 144, 164)

Conversions

Conversions Part 1

Format	Color
Hex	E690A4
RGB	230, 144, 164
RGB Percent	90%, 56%, 64%
CMY	0.0980, 0.4353, 0.3569
CMYK	0.00, 0.37, 0.29, 0.10
HSL	346°, 63%, 73%
HSV	346°, 37%, 90%
XYZ	49.3072, 39.4498, 40.1378
YIQ	171.9940, 44.8360, 24.4520

Conversions

Conversions Part 2

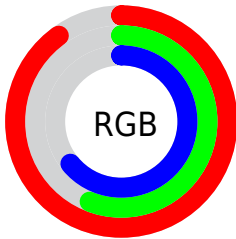
Format	Color
R _Y B	230, 144, 164
Decimal	15110308
CIE _{Lab}	69.08, 35.05, 3.28
CIE _{LCh}	69, 35.201, 5.344
Y _{xy}	39.4498, 0.3825, 0.3061
Android (android.graphics.Color)	4293300388 (0xFFE690A4)
Y _{UV}	171.9940, -3.9410, 50.8713
Hunter-Lab	62.8091, 30.2124, 6.0775

Details

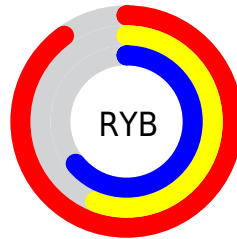
The RYB color **230, 144, 164** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **144, 193, 230**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 199, 219**, and **172, 92, 112** is the 20% darker color. If you saturate the color by 10%, you get **230, 121, 146**, and if you desaturate by 10%, it is **230, 167, 182**.

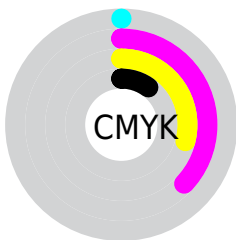
Distribution



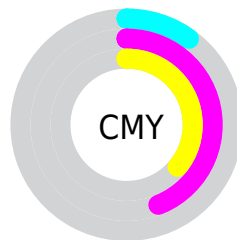
- Red (90%)
- Green (56%)
- Blue (64%)



- Red (90%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 144, 164 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, 144, 164 by changing the saturation by 10% instead.

 230, 144, 164

 230, 144, 164

255, 255, 255

 201, 118, 138


 255, 199, 219

 172, 92, 112

 255, 227, 247

 145, 67, 88

 117, 42, 65

 91, 16, 43


 65, 0, 23

 43, 0, 1


 0, 0, 0


 230, 144, 164


 230, 144, 164

 230, 121, 146

 230, 167, 182

 230, 98, 129

 230, 190, 199

 230, 75, 111

 230, 213, 217

 230, 52, 93

 230, 233, 236

 230, 29, 76

 230, 243, 255

 230, 6, 58

 230, 243, 255

 230, 0, 53

Harmonies

Analogous

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



214, 148, 196



230, 144, 164



229, 151, 133

Triad

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



230, 144, 164



116, 178, 144



81, 139, 226

Complementary

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



230, 144, 164



144, 193, 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.



47, 120, 204



230, 144, 164



112, 163, 184

Square

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



230, 144, 164



124, 184, 105



71, 132, 186



133, 160, 232

Rectangle

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



230, 144, 164



219, 175, 117



71, 132, 186



65, 131, 220

Sweetspot

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



230, 144, 164



255, 227, 233



210, 144, 230



128, 111, 115



0, 0, 0



128, 128, 128

Same Dimension

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



230, 144, 164



255, 140, 167



230, 175, 144



115, 103, 106



179, 0, 42



51, 0, 12

Inverse Universe

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



230, 144, 164



255, 140, 167



144, 180, 230



115, 103, 106



179, 0, 42



51, 0, 12

Previews

White Background



This preview shows how the RYB color 230, 144, 164 looks on a white background.

Color Contrast Check

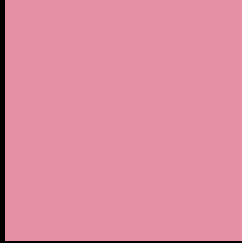
Large Text (above 18pt) WCAG AA × Fail

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, 144, 164 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, 144, 164 Background



This preview shows how black text looks on a background with the RYB color 230, 144, 164.

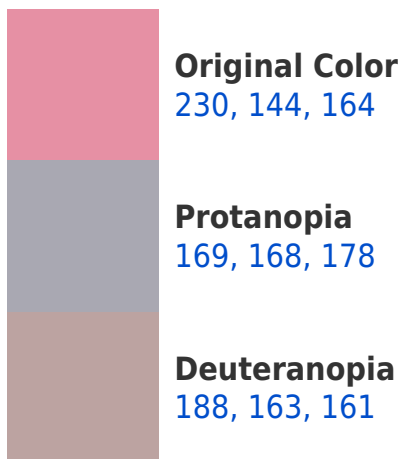



This preview shows how white text looks on a background with the RYB color 230, 144, 164.

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
229, 145, 156

Trichromacy



Original Color

230, 144, 164



Protanomaly

191, 159, 173



Deuteranomaly

203, 156, 162



Tritanomaly

229, 145, 159

Monochromacy



Original Color

230, 144, 164



Achromatopsia

172, 172, 172



Achromatomaly

193, 162, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 144, 164 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, 144, 164) looks like.

```
.text, #text, p{  
    color:rgb(230, 144, 164)  
}
```

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, 144, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 144, 164) }
```

Border

The CSS property to change the border of an element to RYB 230, 144, 164 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, 144, 164) }
```

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

```
.border{ border-color:rgb(230, 144, 164) }
```

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

Here you see how a box with a 4 pixel rgb(230, 144, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 144, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 144, 164);  
box-shadow:4px 4px 4px 4px rgb(230, 144,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 230, 144, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 144, 164) }
```

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

```
.background{ background-color: rgb(230,  
144, 164) }
```

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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