

Converting Colors

`RYB(241, 168, 164)`

Have a look what the booklet for RYB(241, 168, 164) contains.

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Color

R_YB(241, 168, 164)

Conversions

Conversions Part 1

Format	Color
Hex	F1A8A4
RGB	241, 168, 164
RGB Percent	95%, 66%, 64%
CMY	0.0549, 0.3420, 0.3569
CMYK	0.00, 0.30, 0.32, 0.05
HSL	3°, 73%, 79%
HSV	3°, 32%, 95%
XYZ	56.9427, 49.3135, 41.6392
YIQ	189.3710, 44.7920, 14.2320

Conversions

Conversions Part 2

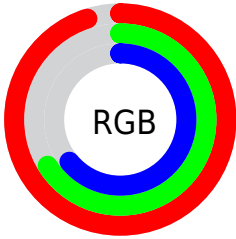
Format	Color
R _Y B	241, 168, 164
Decimal	15837348
CIE Lab	75.65, 26.48, 12.84
CIE LCh	76, 29.429, 25.869
Yxy	49.3135, 0.3850, 0.3334
Android (android.graphics.Color)	4294027428 (0xFFFF1A8A4)
YUV	189.3710, -12.5079, 45.2786
Hunter-Lab	70.2236, 21.8503, 14.0004

Details

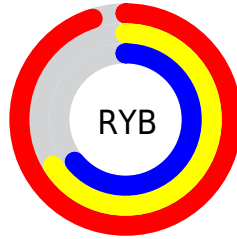
The RYB color **241, 168, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164, 201, 241**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 225, 219**, and **183, 115, 112** is the 20% darker color. If you saturate the color by 10%, you get **241, 145, 140**, and if you desaturate by 10%, it is **241, 191, 188**.

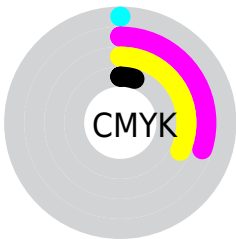
Distribution



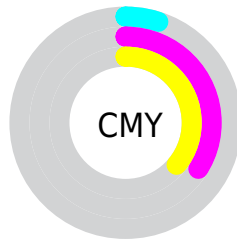
- Red (95%)
- Green (66%)
- Blue (64%)



- Red (95%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 168, 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 241, 168, 164 by changing the saturation by 10% instead.

 241, 168, 164

 241, 168, 164

255, 255, 255

 212, 141, 138


 255, 224, 219


 183, 115, 112

 252, 255, 247

 155, 90, 88

 128, 66, 65


 101, 42, 43


 75, 19, 22


 51, 0, 0


 18, 0, 0


 0, 0, 0

 241, 168, 164

 241, 168, 164

 241, 145, 140

 241, 191, 188

 241, 122, 116

 241, 214, 212

 241, 99, 92

 241, 237, 236

 241, 76, 68

 241, 248, 255

 241, 53, 44

 241, 31, 19

 241, 13, 0

Harmonies

Analogous

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



237, 167, 191



241, 168, 164



231, 192, 142

Triad

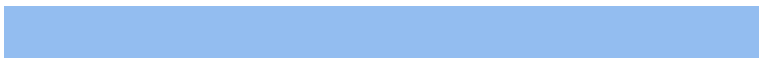
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241, 168, 164



150, 193, 198



147, 176, 240

Complementary

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



241, 168, 164



164, 201, 241

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.



113, 162, 230



241, 168, 164



121, 166, 201

Square

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



241, 168, 164



137, 192, 148



103, 154, 209



185, 181, 235

Rectangle

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



241, 168, 164



203, 218, 134



103, 154, 209



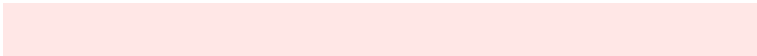
134, 172, 238

Sweetspot

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



241, 168, 164



255, 231, 230



241, 164, 238



128, 113, 112



0, 0, 0



128, 128, 128

Same Dimension

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



241, 168, 164



255, 163, 158



232, 241, 164



120, 108, 108



184, 9, 0



56, 3, 0

Inverse Universe

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



164, 201, 241



158, 205, 255



164, 189, 241



108, 114, 120



0, 90, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 241, 168, 164 looks on a white background.

Color Contrast Check

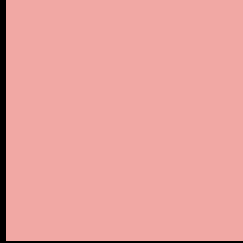
Large Text (above 18pt) WCAG AA × Fail

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 241, 168, 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 241, 168, 164 Background



This preview shows how black text looks on a background with the RYB color 241, 168, 164.

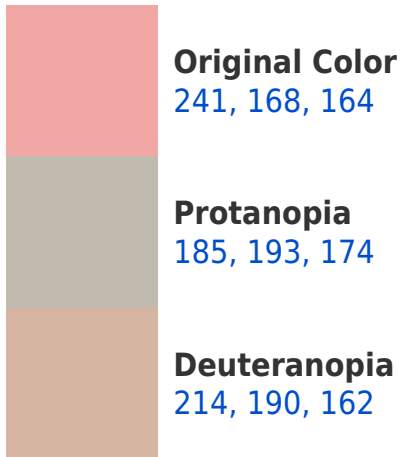


This preview shows how white text looks on a background with the RYB color 241, 168, 164.

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](#).

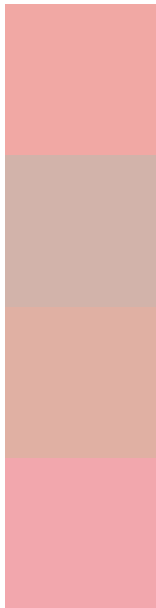
Dichromacy





Tritanopia
242, 166, 178

Trichromacy



Original Color

241, 168, 164

Protanomaly

210, 182, 170

Deuteranomaly

224, 180, 163

Tritanomaly

242, 167, 173

Monochromacy



Original Color

241, 168, 164

Achromatopsia

189, 189, 189

Achromatomaly

208, 181, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 168, 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(241, 168, 164) looks like.

```
.text, #text, p{  
    color:rgb(241, 168, 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(241, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 168, 164) }
```

Border

The CSS property to change the border of an element to RYB 241, 168, 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(241, 168, 164) }
```

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

```
.border{ border-color:rgb(241, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(241, 168,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 241, 168, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 168, 164) }
```

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

```
.background{ background-color: rgb(241,  
168, 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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