

Converting Colors

`RYB(250, 160, 195)`

Have a look what the booklet for
RYB(250, 160, 195) contains.

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Color

RYB(250, 160, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FAA0C3
RGB	250, 160, 195
RGB Percent	98%, 63%, 76%
CMY	0.0196, 0.3725, 0.2353
CMYK	0.00, 0.36, 0.22, 0.02
HSL	337°, 90%, 80%
HSV	337°, 36%, 98%
XYZ	61.8455, 49.4057, 57.9064
YIQ	190.9000, 42.4050, 29.9650

Conversions

Conversions Part 2

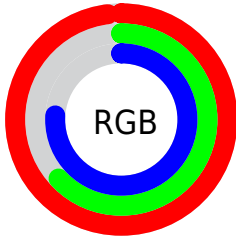
Format	Color
R _Y B	250, 160, 195
Decimal	16425155
CIE Lab	75.70, 38.00, -3.93
CIE LCh	76, 38.202, 354.095
Yxy	49.4057, 0.3656, 0.2921
Android (android.graphics.Color)	4294615235 (0xFFFAA0C3)
YUV	190.9000, 2.0213, 51.8307
Hunter-Lab	70.2892, 34.0509, 0.3575

Details

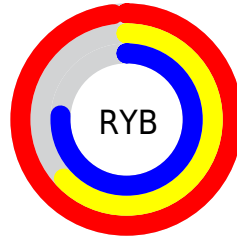
The RYB color **250, 160, 195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **160, 216, 250**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 216, 252**, and **192, 107, 141** is the 20% darker color. If you saturate the color by 10%, you get **250, 135, 180**, and if you desaturate by 10%, it is **250, 185, 210**.

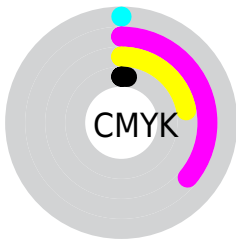
Distribution



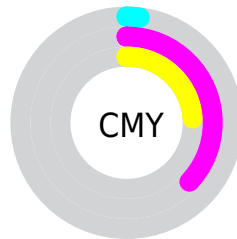
- Red (98%)
- Green (63%)
- Blue (76%)



- Red (98%)
- Yellow (63%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 160, 195 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 250, 160, 195 by changing the saturation by 10% instead.

 250, 160, 195

 250, 160, 195

255, 255, 255

 221, 133, 168

 255, 216, 252

 192, 107, 141

 255, 245, 255

 164, 81, 116

 136, 56, 91

 109, 31, 68

 83, 1, 46

 57, 0, 25

 33, 0, 1

 0, 0, 0

■ 250, 160, 195

■ 250, 160, 195

■ 250, 135, 180

■ 250, 185, 210

■ 250, 110, 164

■ 250, 210, 226

■ 250, 85, 149

■ 250, 235, 241

■ 250, 60, 134

■ 250, 253, 255

■ 250, 35, 119

■ 250, 10, 103

■ 250, 0, 97

Harmonies

Analogous

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



225, 168, 228



250, 160, 195



255, 161, 160

Triad

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



250, 160, 195



121, 193, 133



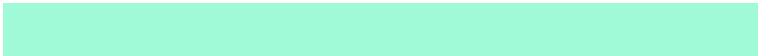
69, 144, 243

Complementary

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



250, 160, 195



160, 216, 250

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.



55, 132, 214



250, 160, 195



140, 197, 201

Square

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



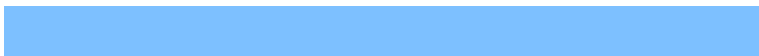
250, 160, 195



170, 217, 116



95, 158, 205



125, 169, 255

Rectangle

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



250, 160, 195



249, 175, 139



95, 158, 205



56, 137, 234

Sweetspot

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



250, 160, 195



255, 227, 238



214, 160, 250



128, 111, 117



0, 0, 0



128, 128, 128

Same Dimension

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



250, 160, 195



255, 145, 188



250, 170, 160



125, 112, 117



189, 0, 73



61, 0, 24

Inverse Universe

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



250, 160, 195



255, 145, 188



160, 203, 250



125, 112, 117



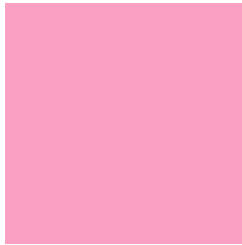
189, 0, 73



61, 0, 24

Previews

White Background



This preview shows how the RYB color 250, 160, 195 looks on a white background.

Color Contrast Check

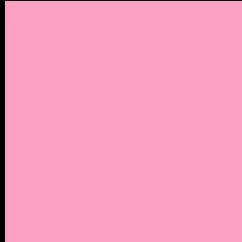
Large Text (above 18pt) WCAG AA × Fail

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 250, 160, 195 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 250, 160, 195 Background



This preview shows how black text looks on a background with the RYB color 250, 160, 195.



This preview shows how white text looks on a background with the RYB color 250, 160, 195.

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
250, 160, 195

Protanopia
183, 186, 211

Deuteranopia
203, 181, 191



Tritanopia
248, 163, 176

Trichromacy



Original Color

250, 160, 195



Protanomaly

207, 177, 205



Deuteranomaly

220, 173, 192



Tritanomaly

249, 162, 183

Monochromacy



Original Color

250, 160, 195



Achromatopsia

191, 191, 191



Achromatomaly

212, 180, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 160, 195 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(250, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(250, 160, 195)  
}
```

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(250, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 160, 195) }
```

Border

The CSS property to change the border of an element to RYB 250, 160, 195 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(250, 160, 195) }
```

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

```
.border{ border-color:rgb(250, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 160, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 160, 195); box-shadow:4px 4px 4px 4px rgb(250, 160, 195) }
```

Background

The CSS property to change the background color of an element to RYB 250, 160, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 160, 195) }
```

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

```
.background{ background-color: rgb(250,  
160, 195) }
```

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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