

Converting Colors

`RYB(240, 162, 182)`

Have a look what the booklet for RYB(240, 162, 182) contains.

RYB(240, 162, 182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(240, 162, 182)

Conversions

Conversions Part 1

Format	Color
Hex	F0A2B6
RGB	240, 162, 182
RGB Percent	94%, 64%, 71%
CMY	0.0588, 0.3647, 0.2863
CMYK	0.00, 0.33, 0.24, 0.06
HSL	345°, 72%, 79%
HSV	345°, 32%, 94%
XYZ	57.2990, 47.7433, 50.4514
YIQ	187.6020, 40.0680, 22.7560

Conversions

Conversions Part 2

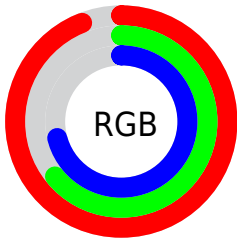
Format	Color
R _Y B	240, 162, 182
Decimal	15770294
CIE Lab	74.66, 31.60, 1.55
CIE LCh	75, 31.633, 2.812
Yxy	47.7433, 0.3685, 0.3070
Android (android.graphics.Color)	4293960374 (0xFFFF0A2B6)
YUV	187.6020, -2.7618, 45.9530
Hunter-Lab	69.0965, 27.1040, 5.0765

Details

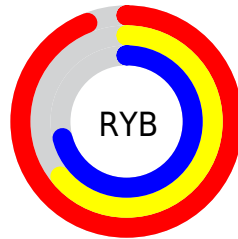
The RYB color **240, 162, 182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 207, 240**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 218, 238**, and **182, 109, 129** is the 20% darker color. If you saturate the color by 10%, you get **240, 138, 164**, and if you desaturate by 10%, it is **240, 186, 200**.

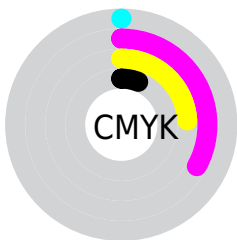
Distribution



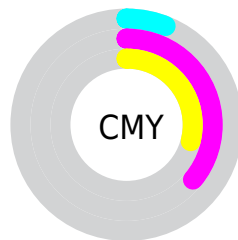
- Red (94%)
- Green (64%)
- Blue (71%)



- Red (94%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (6%)





- Cyan (6%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 162, 182 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 240, 162, 182 by changing the saturation by 10% instead.

 240, 162, 182

 240, 162, 182

255, 255, 255

 211, 135, 155


 255, 218, 238

 182, 109, 129

 255, 246, 255

 155, 84, 104

 127, 60, 80


 101, 36, 57


 75, 10, 36


 51, 0, 14


 20, 0, 0


 0, 0, 0

 240, 162, 182


 240, 162, 182

 240, 138, 164


 240, 186, 200

 240, 114, 146

 240, 210, 218

 240, 90, 128

 240, 234, 236

 240, 66, 111

 240, 248, 255

 240, 42, 93

 240, 248, 255

 240, 18, 75

 240, 0, 62

Harmonies

Analogous

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



223, 166, 211



240, 162, 182



240, 167, 154

Triad

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



240, 162, 182



134, 191, 155



109, 160, 235

Complementary

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



240, 162, 182



162, 207, 240

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.



90, 148, 214



240, 162, 182



136, 182, 197

Square

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



240, 162, 182



150, 202, 125



105, 156, 200



150, 176, 241

Rectangle

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



240, 162, 182



232, 187, 138



105, 156, 200



99, 155, 229

Sweetspot

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



240, 162, 182



255, 230, 236



219, 162, 240



128, 112, 116



0, 0, 0



128, 128, 128

Same Dimension

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



240, 162, 182



255, 156, 181



240, 185, 162



120, 108, 111



184, 0, 47



56, 0, 14

Inverse Universe

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



240, 162, 182



255, 156, 181



162, 196, 240



120, 108, 111



184, 0, 47



56, 0, 14

Previews

White Background



This preview shows how the RYB color 240, 162, 182 looks on a white background.

Color Contrast Check

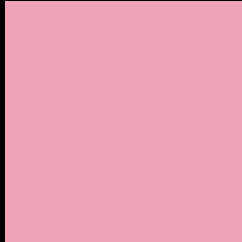
Large Text (above 18pt) WCAG AA × Fail

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 240, 162, 182 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 240, 162, 182 Background



This preview shows how black text looks on a background with the RYB color 240, 162, 182.



This preview shows how white text looks on a background with the RYB color 240, 162, 182.

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
240, 162, 182

Protanopia
184, 183, 194

Deuteranopia
204, 178, 179



Tritanopia
239, 163, 175

Trichromacy



Original Color

240, 162, 182



Protanomaly

204, 175, 190



Deuteranomaly

217, 172, 180



Tritanomaly

239, 163, 178

Monochromacy



Original Color

240, 162, 182



Achromatopsia

188, 188, 188



Achromatomaly

207, 179, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 162, 182 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(240, 162, 182) looks like.

```
.text, #text, p{  
    color:rgb(240, 162, 182)  
}
```

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(240, 162, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 162, 182) }
```

Border

The CSS property to change the border of an element to RYB 240, 162, 182 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(240, 162, 182) }
```

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

```
.border{ border-color:rgb(240, 162, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 162, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 162, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 162, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 162,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 240, 162, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 162, 182) }
```

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

```
.background{ background-color: rgb(240,  
162, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor