

Converting Colors

`RYB(220, 171, 187)`

Have a look what the booklet for RYB(220, 171, 187) contains.

RYB(220, 171, 187)	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(220, 171, 187)

Conversions

Conversions Part 1

Format	Color
Hex	DCABBB
RGB	220, 171, 187
RGB Percent	86%, 67%, 73%
CMY	0.1373, 0.3294, 0.2667
CMYK	0.00, 0.22, 0.15, 0.14
HSL	340°, 41%, 77%
HSV	340°, 22%, 86%
XYZ	53.0478, 47.9293, 53.4691
YIQ	187.4750, 24.0680, 15.3640

Conversions

Conversions Part 2

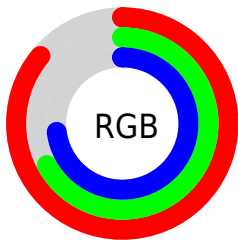
Format	Color
R _Y B	220, 171, 187
Decimal	14461883
CIE Lab	74.78, 20.37, -1.27
CIE LCh	75, 20.412, 356.429
Yxy	47.9293, 0.3435, 0.3103
Android (android.graphics.Color)	4292651963 (0xFFDCABBB)
YUV	187.4750, -0.2342, 28.5244
Hunter-Lab	69.2310, 15.6201, 2.6704

Details

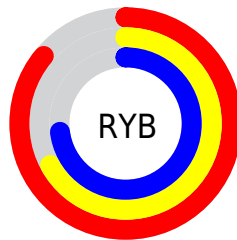
The RYB color **220, 171, 187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 200, 220**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 227, 243**, and **164, 118, 134** is the 20% darker color. If you saturate the color by 10%, you get **220, 149, 172**, and if you desaturate by 10%, it is **220, 193, 202**.

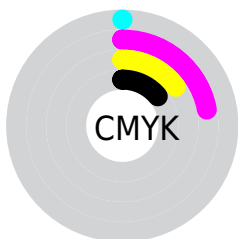
Distribution



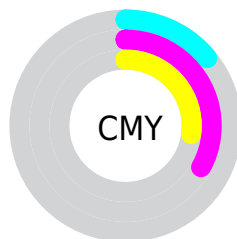
- Red (86%)
- Green (67%)
- Blue (73%)



- Red (86%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (14%)




- Cyan (14%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 220, 171, 187 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 220, 171, 187 by changing the saturation by 10% instead.


 220, 171, 187

255, 255, 255

 255, 227, 243

 220, 171, 187

 192, 144, 160

 164, 118, 134

 138, 94, 109

 112, 70, 84


 87, 47, 61

 62, 25, 40


 40, 1, 19


 0, 0, 0

 220, 171, 187


 220, 171, 187

 220, 149, 172

 220, 193, 202

 220, 127, 157


 220, 215, 217

 220, 105, 143


 220, 230, 237

 220, 83, 128

 220, 240, 255

 220, 61, 113

 220, 238, 255

 220, 39, 98

 220, 17, 83

 220, 0, 72

Harmonies

Analogous

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



206, 174, 205



220, 171, 187



223, 172, 168

Triad

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



220, 171, 187



150, 188, 157



140, 171, 215

Complementary

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



220, 171, 187



171, 200, 220

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.



133, 165, 200



220, 171, 187



159, 188, 192

Square

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



220, 171, 187



176, 201, 147



141, 172, 195



160, 178, 221

Rectangle

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



220, 171, 187



219, 180, 158



141, 172, 195



136, 168, 211

Sweetspot

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



220, 171, 187



255, 237, 243



204, 171, 220



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

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



220, 171, 187



255, 186, 209



220, 181, 171



110, 99, 102



173, 0, 57



46, 0, 15

Inverse Universe

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



220, 171, 187



255, 186, 209



171, 193, 220



110, 99, 102



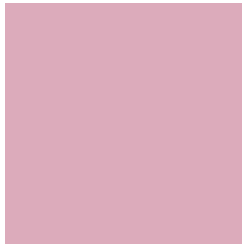
173, 0, 57



46, 0, 15

Previews

White Background



This preview shows how the RYB color 220, 171, 187 looks on a white background.

Color Contrast Check

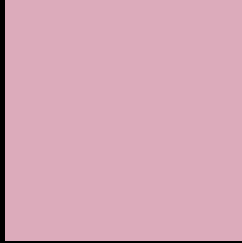
Large Text (above 18pt) WCAG AA × Fail

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 220, 171, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

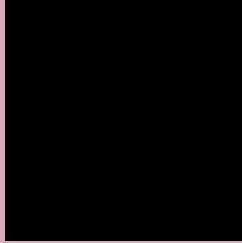
Any Text WCAG AA ✓ Pass

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](#).

RYP 220, 171, 187 Background



This preview shows how black text looks on a background with the RYB color 220, 171, 187.



This preview shows how white text looks on a background with the RYB color 220, 171, 187.

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
220, 171, 187

Protanopia
185, 183, 194

Deuteranopia
201, 178, 186



Tritanopia
220, 171, 185

Trichromacy



Original Color
220, 171, 187

Protanomaly
198, 179, 191

Deuteranomaly
208, 175, 186

Tritanomaly
220, 171, 186

Monochromacy



Original Color
220, 171, 187

Achromatopsia
187, 187, 187

Achromatomaly
199, 181, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 171, 187 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(220, 171, 187) looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 187)  
}
```

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(220, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 187) }
```

Border

The CSS property to change the border of an element to RYB 220, 171, 187 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(220, 171, 187) }
```

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

```
.border{ border-color:rgb(220, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(220, 171,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 220, 171, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 187) }
```

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

```
.background{ background-color: rgb(220,  
171, 187) }
```

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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