

Converting Colors

`RYB(212, 172, 190)`

Have a look what the booklet for
RYB(212, 172, 190) contains.

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Color

R_YB(212, 172, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D4ACBE
RGB	212, 172, 190
RGB Percent	83%, 67%, 75%
CMY	0.1686, 0.3255, 0.2549
CMYK	0.00, 0.19, 0.10, 0.17
HSL	333°, 32%, 75%
HSV	333°, 19%, 83%
XYZ	51.1982, 47.2198, 55.1311
YIQ	186.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

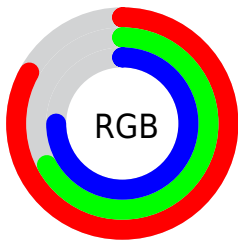
Format	Color
R_{YB}	212, 172, 190
Decimal	13937854
CIE _{Lab}	74.33, 17.47, -3.67
CIE _{LCh}	74, 17.852, 348.150
Yxy	47.2198, 0.3334, 0.3075
Android (android.graphics.Color)	4292127934 (0xFFD4ACBE)
YUV	186.0120, 1.9661, 22.7915
Hunter-Lab	68.7167, 12.7394, 0.5335

Details

The RYB color **212, 172, 190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172, 198, 212**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 228, 246**, and **157, 120, 137** is the 20% darker color. If you saturate the color by 10%, you get **212, 151, 178**, and if you desaturate by 10%, it is **212, 193, 202**.

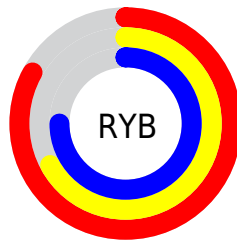
Distribution



Red (83%)

Green (67%)

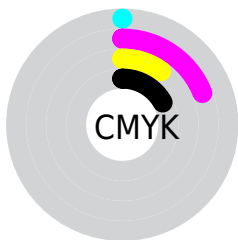
Blue (75%)



Red (83%)

Yellow (67%)

Blue (75%)

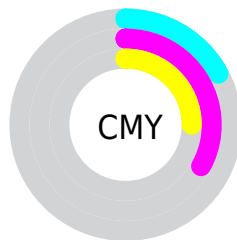


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 212, 172, 190 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 212, 172, 190 by changing the saturation by 10% instead.

 212, 172, 190


255, 255, 255

 255, 228, 246


 212, 172, 190

 184, 145, 163

 157, 120, 137

 131, 95, 111

 105, 71, 87


 81, 48, 64


 57, 26, 42

 36, 3, 21


 0, 0, 0

 212, 172, 190


 212, 172, 190

 212, 151, 178

 212, 193, 202

 212, 130, 167

 212, 213, 214

 212, 108, 155

 212, 228, 236

 212, 87, 143

 212, 239, 255

 212, 66, 132

 212, 235, 255

 212, 45, 120

 212, 234, 255

 212, 24, 108

 212, 2, 97

 212, 0, 95

Harmonies

Analogous

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



198, 176, 205



212, 172, 190



217, 172, 173

Triad

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



212, 172, 190



152, 185, 152



142, 170, 207

Complementary

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



212, 172, 190



172, 198, 212

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.



140, 166, 192



212, 172, 190



161, 189, 184

Square

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



212, 172, 190



193, 202, 151



149, 175, 192



157, 176, 214

Rectangle

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



212, 172, 190



216, 175, 163



149, 175, 192



140, 168, 202

Sweetspot

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



212, 172, 190



255, 240, 247



194, 172, 212



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



212, 172, 190



255, 196, 223



212, 174, 172



107, 96, 101



171, 0, 77



43, 0, 20

Inverse Universe

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



212, 172, 190



255, 196, 223



172, 191, 212



107, 96, 101



171, 0, 77



43, 0, 20

Previews

White Background



This preview shows how the RYB color 212, 172, 190 looks on a white background.

Color Contrast Check

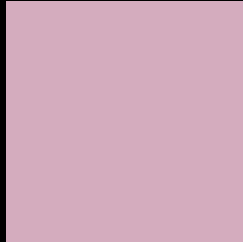
Large Text (above 18pt) WCAG AA × Fail

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 212, 172, 190 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 212, 172, 190 Background



This preview shows how black text looks on a background with the RYB color 212, 172, 190.



This preview shows how white text looks on a background with the RYB color 212, 172, 190.

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
212, 172, 190

Protanopia
183, 182, 196

Deuteranopia
198, 177, 189



Tritanopia
211, 173, 186

Trichromacy



Original Color

212, 172, 190

Protanomaly

194, 178, 194

Deuteranomaly

203, 175, 189

Tritanomaly

211, 173, 187

Monochromacy



Original Color

212, 172, 190

Achromatopsia

186, 186, 186

Achromatomaly

195, 181, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 172, 190 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(212, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 190)  
}
```

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(212, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 190) }
```

Border

The CSS property to change the border of an element to RYB 212, 172, 190 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(212, 172, 190) }
```

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

```
.border{ border-color:rgb(212, 172, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 172, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 212, 172, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 190) }
```

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

```
.background{ background-color: rgb(212,  
172, 190) }
```

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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