

Converting Colors

`RYB(221, 170, 172)`

Have a look what the booklet for
RYB(221, 170, 172) contains.

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Color

R_YB(221, 170, 172)

Conversions

Conversions Part 1

Format	Color
Hex	DDAAAC
RGB	221, 170, 172
RGB Percent	87%, 67%, 67%
CMY	0.1333, 0.3333, 0.3255
CMYK	0.00, 0.23, 0.22, 0.13
HSL	358°, 43%, 77%
HSV	358°, 23%, 87%
XYZ	51.6399, 47.1002, 45.3992
YIQ	185.4770, 29.7540, 11.4340

Conversions

Conversions Part 2

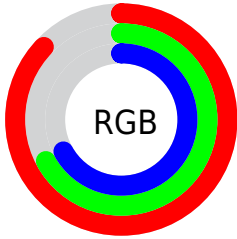
Format	Color
R _Y B	221, 170, 172
Decimal	14527148
CIE Lab	74.25, 18.97, 6.20
CIE LCh	74, 19.954, 18.089
Yxy	47.1002, 0.3583, 0.3268
Android (android.graphics.Color)	4292717228 (0xFFDDAAAC)
YUV	185.4770, -6.6442, 31.1537
Hunter-Lab	68.6296, 14.2096, 8.8197

Details

The RYB color **221, 170, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 196, 221**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 225, 227**, and **165, 118, 120** is the 20% darker color. If you saturate the color by 10%, you get **221, 148, 151**, and if you desaturate by 10%, it is **221, 192, 193**.

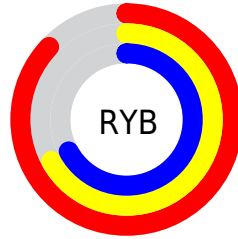
Distribution



Red (87%)

Green (67%)

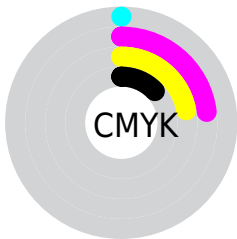
Blue (67%)



Red (87%)

Yellow (67%)

Blue (67%)

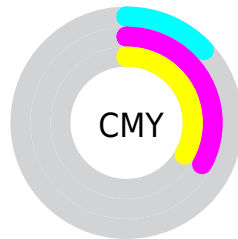


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 170, 172 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 221, 170, 172 by changing the saturation by 10% instead.

 221, 170, 172

 221, 170, 172

255, 255, 255

 193, 143, 145

 255, 225, 227

 165, 118, 120

255, 254, 255

 138, 93, 95

 112, 69, 71


 87, 46, 49


 62, 24, 28


 41, 0, 1


 0, 0, 0


 221, 170, 172


 221, 170, 172

 221, 148, 151


 221, 192, 193

 221, 126, 130


 221, 214, 214


 221, 104, 108


 221, 229, 236

 221, 82, 87

 221, 238, 255

 221, 59, 66

 221, 37, 45

 221, 15, 23

 221, 0, 9

Harmonies

Analogous

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



215, 170, 191



221, 170, 172



217, 180, 156

Triad

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



221, 170, 172



158, 190, 184



153, 175, 218

Complementary

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



221, 170, 172



170, 196, 221

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.



136, 167, 209



221, 170, 172



145, 175, 193

Square

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



221, 170, 172



148, 185, 148



134, 164, 193



176, 180, 217

Rectangle

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



221, 170, 172



209, 202, 149



134, 164, 193



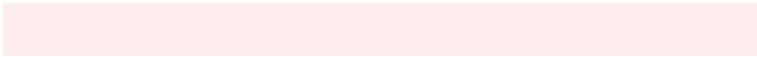
146, 172, 216

Sweetspot

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



221, 170, 172



255, 237, 238



218, 170, 221



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



221, 170, 172



255, 184, 186



221, 212, 170



110, 99, 99



173, 0, 7



46, 0, 2

Inverse Universe

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



221, 170, 172



255, 184, 186



170, 188, 221



110, 99, 99



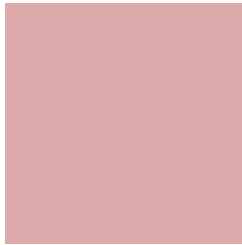
173, 0, 7



46, 0, 2

Previews

White Background



This preview shows how the RYB color 221, 170, 172 looks on a white background.

Color Contrast Check

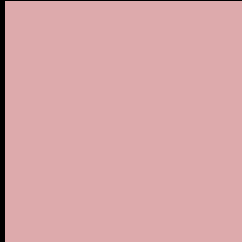
Large Text (above 18pt) WCAG AA × Fail

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 221, 170, 172 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 221, 170, 172 Background



This preview shows how black text looks on a background with the RYB color 221, 170, 172.



This preview shows how white text looks on a background with the RYB color 221, 170, 172.

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
221, 170, 172

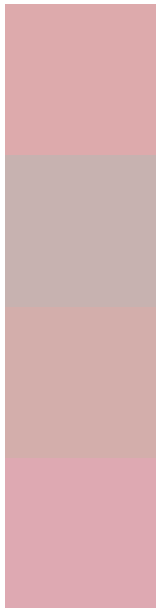
Protanopia
187, 184, 179

Deuteranopia
205, 178, 171



Tritanopia
222, 169, 182

Trichromacy



Original Color

221, 170, 172

Protanomaly

199, 178, 176

Deuteranomaly

211, 174, 171

Tritanomaly

222, 169, 178

Monochromacy



Original Color

221, 170, 172

Achromatopsia

185, 185, 185

Achromatomaly

198, 180, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 170, 172 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(221, 170, 172) looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 172)  
}
```

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(221, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 172) }
```

Border

The CSS property to change the border of an element to RYB 221, 170, 172 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(221, 170, 172) }
```

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

```
.border{ border-color:rgb(221, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 221, 170, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 172) }
```

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

```
.background{ background-color: rgb(221,  
170, 172) }
```

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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