

Converting Colors

`RYB(228, 170, 170)`

Have a look what the booklet for
RYB(228, 170, 170) contains.

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Color

R_YB(228, 170, 170)

Conversions

Conversions Part 1

Format	Color
Hex	E4AAAA
RGB	228, 170, 170
RGB Percent	89%, 67%, 67%
CMY	0.1059, 0.3333, 0.3333
CMYK	0.00, 0.25, 0.25, 0.11
HSL	0°, 52%, 78%
HSV	0°, 25%, 89%
XYZ	53.6253, 48.1457, 44.4969
YIQ	187.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

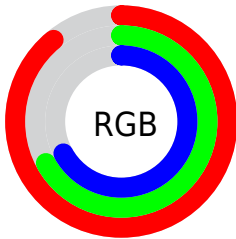
Format	Color
R _Y B	228, 170, 170
Decimal	14985898
CIE Lab	74.92, 21.27, 8.34
CIE LCh	75, 22.848, 21.396
Yxy	48.1457, 0.3666, 0.3292
Android (android.graphics.Color)	4293175978 (0xFFE4AAAA)
YUV	187.3420, -8.5496, 35.6571
Hunter-Lab	69.3871, 16.5250, 10.5492

Details

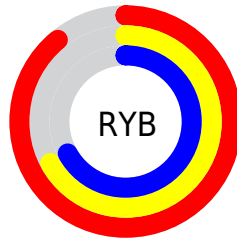
The RYB color **228, 170, 170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 199, 228**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 226, 225**, and **171, 117, 118** is the 20% darker color. If you saturate the color by 10%, you get **228, 147, 147**, and if you desaturate by 10%, it is **228, 193, 193**.

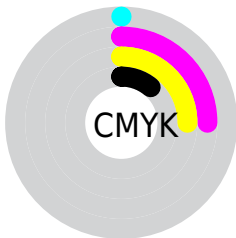
Distribution



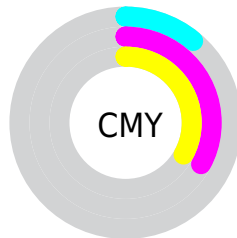
- Red (89%)
- Green (67%)
- Blue (67%)



- Red (89%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 170, 170 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 228, 170, 170 by changing the saturation by 10% instead.

 228, 170, 170

 228, 170, 170

255, 255, 255

 199, 143, 144

 255, 226, 225

 171, 117, 118

255, 254, 254

 144, 93, 93

 118, 69, 70

 92, 46, 47

 67, 23, 27

 44, 0, 0


 0, 0, 0

 228, 170, 170

 228, 170, 170

 228, 147, 147

 228, 193, 193

 228, 124, 124

 228, 216, 216

 228, 102, 102

 228, 233, 238

 228, 79, 79

 228, 242, 255

 228, 56, 56

 228, 33, 33

 228, 10, 10

 228, 0, 0

Harmonies

Analogous

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



223, 170, 191



228, 170, 170



222, 184, 152

Triad

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



228, 170, 170



158, 193, 191



152, 176, 225

Complementary

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



228, 170, 170



170, 199, 228

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.



131, 167, 217



228, 170, 170



139, 173, 196

Square

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



228, 170, 170



145, 188, 149



126, 162, 199



180, 181, 223

Rectangle

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



228, 170, 170



210, 212, 145



126, 162, 199



143, 173, 224

Sweetspot

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



228, 170, 170



255, 235, 235



228, 170, 228



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



228, 170, 170



255, 176, 176



228, 228, 170



115, 103, 103



179, 0, 0



51, 0, 0

Inverse Universe

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



170, 199, 228



176, 216, 255



170, 189, 228



103, 109, 115



0, 90, 179



0, 26, 51

Previews

White Background



This preview shows how the RYB color 228, 170, 170 looks on a white background.

Color Contrast Check

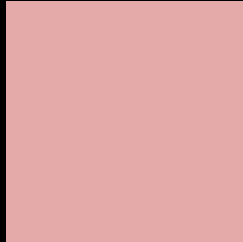
Large Text (above 18pt) WCAG AA × Fail

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 228, 170, 170 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](#).

R/YB 228, 170, 170 Background



This preview shows how black text looks on a background with the R/YB color 228, 170, 170.

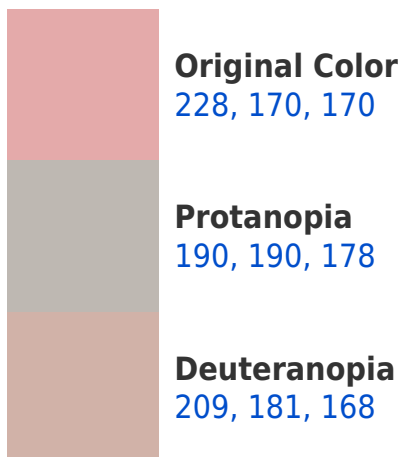



This preview shows how white text looks on a background with the R/YB color 228, 170, 170.

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](#).

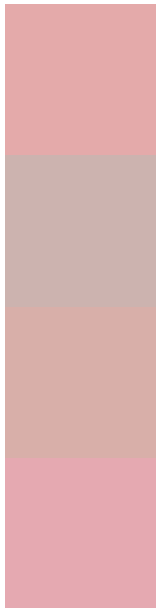
Dichromacy





Tritanopia
229, 168, 181

Trichromacy



Original Color
228, 170, 170

Protanomaly
204, 180, 175

Deuteranomaly
216, 176, 169

Tritanomaly
229, 169, 177

Monochromacy



Original Color
228, 170, 170

Achromatopsia
187, 187, 187

Achromatomaly
202, 181, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 170, 170 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(228, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(228, 170, 170)  
}
```

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(228, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 170, 170) }
```

Border

The CSS property to change the border of an element to RYB 228, 170, 170 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(228, 170, 170) }
```

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

```
.border{ border-color:rgb(228, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(228, 170,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 228, 170, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 170, 170) }
```

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

```
.background{ background-color: rgb(228,  
170, 170) }
```

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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