Converting Colors

RGB(242, 170, 170)

Have a look what the booklet for RGB(242, 170, 170) contains.

Color

RGB(242, 170, 170)

Conversions

Conversions Part 1

Format	Color
Hex	F2AAAA
RGB	242, 170, 170
RGB Percent	95%, 67%, 67%
CMY	0.0510, 0.3333, 0.3333
CMYK	0.00, 0.30, 0.30, 0.05
HSL	0°, 73%, 81%
HSV	0°, 30%, 95%
XYZ	58.2484, 50.5290, 44.7133
YIQ	191.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

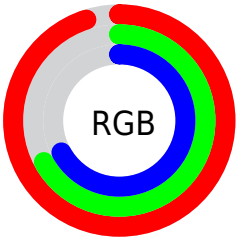
Format	Color
RYB	242, 170, 170
Decimal	15903402
CIELab	76.39, 26.46, 10.64
CIELCh	76, 28.517, 21.907
Yxy	50.5290, 0.3795, 0.3292
Android (android.graphics.Color)	4294093482 (0xFFF2AAAA)
YUV	191.5280, -10.6133, 44.2639
Hunter-Lab	71.0837, 21.8723, 12.4639

Details

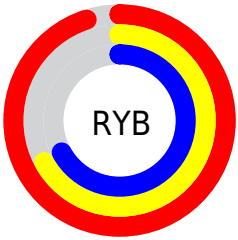
The RGB color 242, 170, 170 is a light color, and the websafe version is hex CC9999. A complement of this color would be 170, 242, 242, and the grayscale version is 192, 192, 192.

A 20% lighter version of the original color is 255, 226, 225, and 184, 117, 118 is the 20% darker color. If you saturate the color by 10%, you get 242, 146, 146, and if you desaturate by 10%, it is 242, 194, 194.

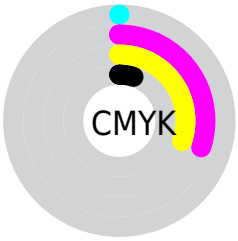
Distribution



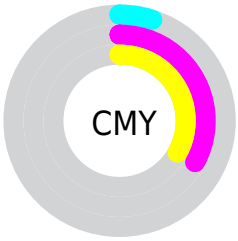
- Red (95%)
- Green (67%)
- Blue (67%)



- Red (95%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 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 RGB color 242, 170, 170 by changing the saturation by 10% instead.

242, 170, 170

255, 255, 255

255, 226, 225

255, 255, 254

242, 170, 170

213, 143, 144

184, 117, 118

156, 92, 93

129, 68, 70

102, 44, 47

76, 21, 27

52, 0, 0

23, 0, 0

0, 0, 0

242, 170, 170

242, 146, 146

242, 122, 122

242, 97, 97

242, 73, 73

242, 49, 49

242, 25, 25

242, 1, 1

242, 0, 0

242, 170, 170

242, 194, 194

242, 218, 218

242, 243, 243

242, 255, 255

Harmonies

Analogous

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

236, 170, 197

242, 170, 170

234, 176, 148

Triad

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

242, 170, 170

157, 199, 155

146, 193, 240

Complementary

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

242, 170, 170

170, 242, 242

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.

116, 200, 229

242, 170, 170

128, 203, 180

Square

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

242, 170, 170

187, 193, 139

110, 203, 207

183, 184, 237

Rectangle

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

242, 170, 170

222, 181, 139

110, 203, 207

134, 196, 238

Sweetspot

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

242, 170, 170

255, 232, 232

242, 170, 242

128, 113, 113

0, 0, 0

128, 128, 128

Same Dimension

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

242, 170, 170

255, 163, 163

242, 206, 170

120, 108, 108

184, 0, 0

56, 0, 0

Inverse Universe

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

170, 242, 242

163, 255, 255

170, 206, 242

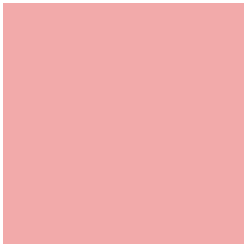
108, 120, 120

0, 184, 184

0, 56, 56

Previews

White Background

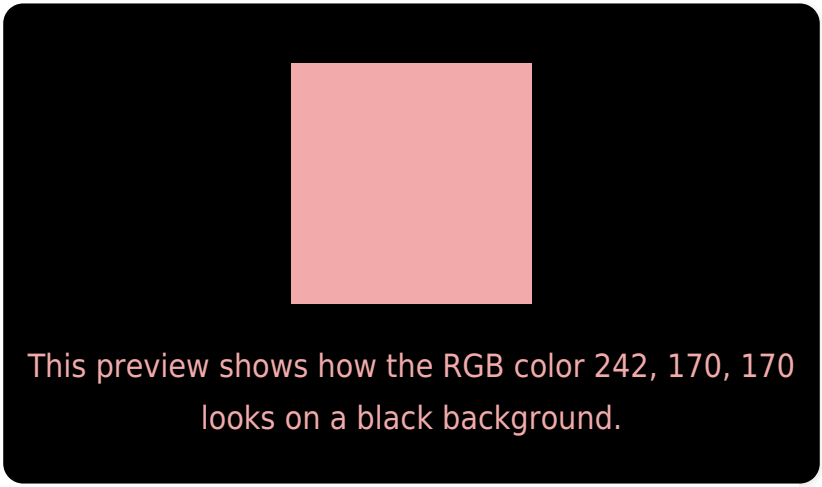


This preview shows how the RGB color 242, 170, 170 looks on a white background.

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



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.

RGB 242, 170, 170 Background

This preview shows how black text looks on a background with the RGB color 242, 170, 170.

This preview shows how white text looks on a background with the RGB color 242, 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

Original Color
242, 170, 170

Protanopia
194, 188, 180

Deuteranopia
215, 182, 168

Tritanopia
243, 168, 181

Trichromacy

Original Color
242, 170, 170

Protanomaly
211, 181, 176

Deuteranomaly
225, 178, 169

Tritanomaly
243, 169, 177

Monochromacy

Original Color
242, 170, 170

Achromatopsia
192, 192, 192

Achromatomaly
210, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 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(242, 170, 170) looks like.

```
.text, #text, p{
    color:rgb(242, 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(242, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 170) }
```

Border

The CSS property to change the border of an element to RGB 242, 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(242, 170, 170) }
```

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

```
.border{ border-color:rgb(242, 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(242, 170, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 170, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 170, 170); box-shadow:4px 4px 4px 4px rgb(242, 170, 170) }
```

Background

The CSS property to change the background color of an element to RGB 242, 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(242, 170, 170) }
```

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

```
.background{ background-color:rgb(242,
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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