

Converting Colors

`RYB(240, 170, 155)`

Have a look what the booklet for
RYB(240, 170, 155) contains.

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Color

R_YB(240, 170, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F0A89B
RGB	240, 168, 155
RGB Percent	94%, 66%, 61%
CMY	0.0588, 0.3422, 0.3922
CMYK	0.00, 0.30, 0.35, 0.06
HSL	9°, 74%, 77%
HSV	9°, 35%, 94%
XYZ	55.8081, 48.8049, 37.4892
YIQ	188.0460, 47.0850, 11.2210

Conversions

Conversions Part 2

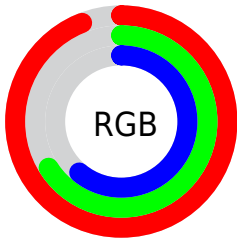
Format	Color
R _Y B	240, 170, 155
Decimal	15771803
CIE Lab	75.33, 25.02, 17.29
CIE LCh	75, 30.415, 34.638
Yxy	48.8049, 0.3927, 0.3434
Android (android.graphics.Color)	4293961883 (0xFFFF0A89B)
YUV	188.0460, -16.2917, 45.5637
Hunter-Lab	69.8605, 20.3390, 17.0855

Details

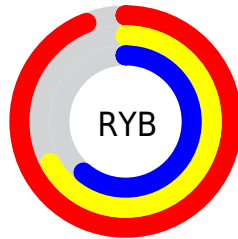
The RYB color **240, 170, 155** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **155, 194, 240**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 231, 209**, and **182, 117, 104** is the 20% darker color. If you saturate the color by 10%, you get **240, 150, 131**, and if you desaturate by 10%, it is **240, 190, 179**.

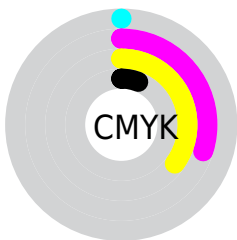
Distribution



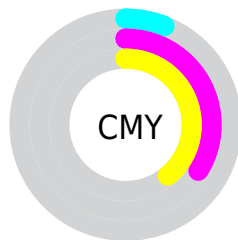
- Red (94%)
- Green (66%)
- Blue (61%)



- Red (94%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 170, 155 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 240, 170, 155 by changing the saturation by 10% instead.


 240, 170, 155

 240, 170, 155

255, 255, 255

 211, 143, 129

 255, 229, 209


 182, 117, 104

 242, 255, 238

 154, 92, 80

 126, 67, 57

 100, 44, 35

 74, 21, 14

 49, 0, 0

 13, 0, 0

 0, 0, 0

■ 240, 170, 155

■ 240, 170, 155

■ 240, 150, 131

■ 240, 190, 179

■ 240, 131, 107

■ 240, 210, 203

■ 240, 111, 83

■ 240, 229, 227

■ 240, 91, 59

■ 240, 245, 251

■ 240, 72, 35

■ 240, 248, 255

■ 240, 51, 11

■ 240, 42, 0

Harmonies

Analogous

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



240, 165, 182



240, 170, 155



226, 208, 136

Triad

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



240, 170, 155



138, 182, 199



156, 179, 241

Complementary

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



240, 170, 155



155, 194, 240

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.



117, 164, 235



240, 170, 155



109, 158, 201

Square

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



240, 170, 155



139, 193, 161



98, 153, 216



195, 177, 232

Rectangle

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



240, 170, 155



173, 210, 130



98, 153, 216



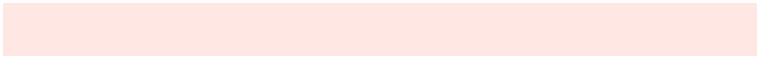
142, 174, 241

Sweetspot

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



240, 170, 155



255, 232, 227



240, 155, 227



128, 113, 111



0, 0, 0



128, 128, 128

Same Dimension

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



240, 170, 155



255, 165, 145



201, 240, 155



120, 110, 108



184, 33, 0



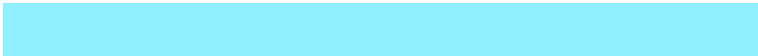
56, 9, 0

Inverse Universe

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



155, 194, 240



145, 196, 255



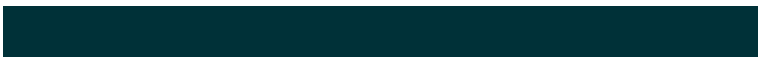
155, 177, 240



108, 113, 120



0, 84, 184



0, 26, 56

Previews

White Background



This preview shows how the RYB color 240, 170, 155 looks on a white background.

Color Contrast Check

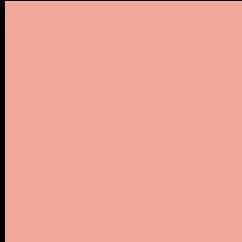
Large Text (above 18pt) WCAG AA × Fail

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 240, 170, 155 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 240, 170, 155 Background



This preview shows how black text looks on a background with the RYB color 240, 170, 155.

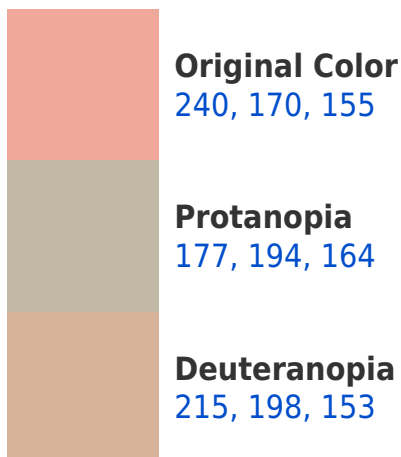


This preview shows how white text looks on a background with the RYB color 240, 170, 155.

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





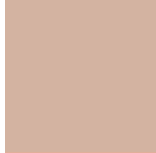
Tritanopia
242, 164, 177

Trichromacy



Original Color

240, 170, 155



Protanomaly

211, 189, 161



Deuteranomaly

224, 184, 154



Tritanomaly

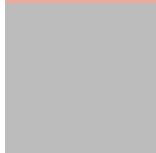
241, 165, 169

Monochromacy



Original Color

240, 170, 155



Achromatopsia

188, 188, 188



Achromatomaly

207, 182, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 170, 155 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(240, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 155)  
}
```

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(240, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 155) }
```

Border

The CSS property to change the border of an element to RYB 240, 170, 155 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(240, 168, 155) }
```

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

```
.border{ border-color:rgb(240, 168, 155) }
```

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

Here you see how a box with a 4 pixel rgb(240, 168, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 240, 170, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 155) }
```

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

```
.background{ background-color: rgb(240,  
168, 155) }
```

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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