

Converting Colors

`RYB(238, 168, 155)`

Have a look what the booklet for
RYB(238, 168, 155) contains.

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Color

R_YB(238, 168, 155)

Conversions

Conversions Part 1

Format	Color
Hex	EEA69B
RGB	238, 166, 155
RGB Percent	93%, 65%, 61%
CMY	0.0667, 0.3481, 0.3922
CMYK	0.00, 0.30, 0.35, 0.07
HSL	8°, 71%, 77%
HSV	8°, 35%, 93%
XYZ	54.8561, 47.9033, 37.3654
YIQ	186.2740, 46.4430, 11.8430

Conversions

Conversions Part 2

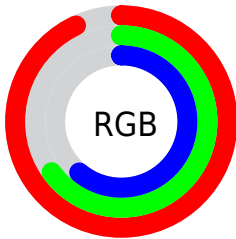
Format	Color
R _Y B	238, 168, 155
Decimal	15640219
CIE Lab	74.76, 25.07, 16.47
CIE LCh	75, 29.993, 33.299
Yxy	47.9033, 0.3915, 0.3419
Android (android.graphics.Color)	4293830299 (0xFFEEA69B)
YUV	186.2740, -15.4181, 45.3637
Hunter-Lab	69.2122, 20.3538, 16.4399

Details

The RYB color **238, 168, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **155, 194, 238**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 225, 209**, and **180, 116, 104** is the 20% darker color. If you saturate the color by 10%, you get **238, 148, 131**, and if you desaturate by 10%, it is **238, 188, 179**.

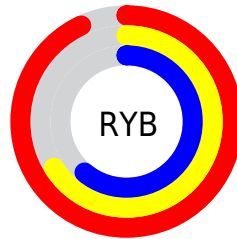
Distribution



Red (93%)

Green (65%)

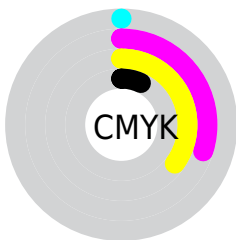
Blue (61%)



Red (93%)

Yellow (66%)

Blue (61%)

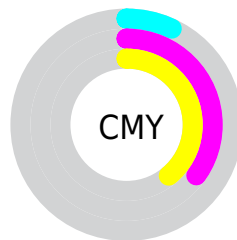


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (7%)



Cyan (7%)

Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 168, 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 238, 168, 155 by changing the saturation by 10% instead.


 238, 168, 155

 238, 168, 155

255, 255, 255

 209, 142, 129

 255, 227, 209

 180, 116, 104

 245, 255, 238

 152, 90, 80

 125, 66, 57

 98, 42, 35

 72, 19, 14

 47, 0, 0


 7, 0, 0


 0, 0, 0

 238, 168, 155

 238, 168, 155

 238, 148, 131

 238, 188, 179

 238, 128, 107

 238, 208, 203

 238, 108, 84

 238, 228, 226

 238, 88, 60

 238, 244, 250

 238, 67, 36

 238, 247, 255

 238, 48, 12

 238, 37, 0

Harmonies

Analogous

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



238, 164, 182



238, 168, 155



224, 204, 135

Triad

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



238, 168, 155



139, 183, 197



153, 177, 239

Complementary

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



238, 168, 155



155, 194, 238

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, 162, 232



238, 168, 155



110, 158, 199

Square

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



238, 168, 155



137, 191, 157



98, 151, 213



192, 176, 230

Rectangle

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



238, 168, 155



174, 209, 129



98, 151, 213



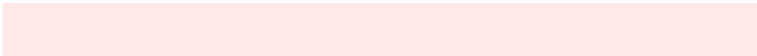
140, 172, 238

Sweetspot

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



238, 168, 155



255, 233, 230



238, 155, 227



128, 114, 112



0, 0, 0



128, 128, 128

Same Dimension

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



238, 168, 155



255, 164, 148



202, 238, 155



120, 109, 108



184, 29, 0



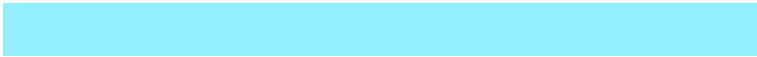
56, 9, 0

Inverse Universe

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



155, 194, 238



148, 197, 255



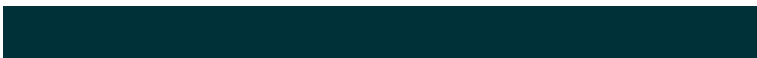
155, 177, 238



108, 113, 120



0, 85, 184



0, 26, 56

Previews

White Background



This preview shows how the RYB color 238, 168, 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 238, 168, 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 238, 168, 155 Background



This preview shows how black text looks on a background with the RYB color 238, 168, 155.

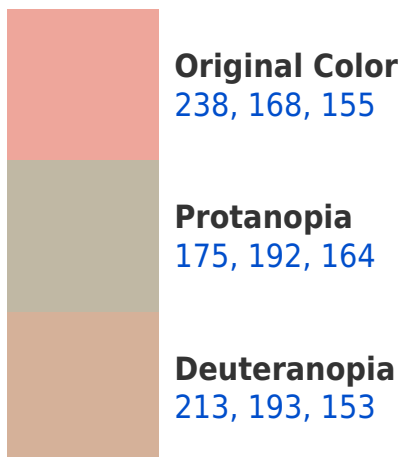



This preview shows how white text looks on a background with the RYB color 238, 168, 155.

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
240, 163, 176

Trichromacy



Original Color

238, 168, 155



Protanomaly

209, 187, 161



Deuteranomaly

222, 180, 154



Tritanomaly

239, 164, 168

Monochromacy



Original Color

238, 168, 155



Achromatopsia

186, 186, 186



Achromatomaly

205, 180, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 168, 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(238, 166, 155) looks like.

```
.text, #text, p{  
    color:rgb(238, 166, 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(238, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 166, 155) }
```

Border

The CSS property to change the border of an element to RYB 238, 168, 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(238, 166, 155) }
```

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

```
.border{ border-color:rgb(238, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(238, 166,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 238, 168, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 166, 155) }
```

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

```
.background{ background-color: rgb(238,  
166, 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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