

Converting Colors

RGB(217, 155, 158)

Have a look what the booklet for
RGB(217, 155, 158) contains.

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Color

RGB(217, 155, 158)

Conversions

Conversions Part 1

Format	Color
Hex	D99B9E
RGB	217, 155, 158
RGB Percent	85%, 61%, 62%
CMY	0.1490, 0.3922, 0.3804
CMYK	0.00, 0.29, 0.27, 0.15
HSL	357°, 45%, 73%
HSV	357°, 29%, 85%
XYZ	46.5082, 40.6630, 37.7453
YIQ	173.8800, 35.9890, 14.0770

Conversions

Conversions Part 2

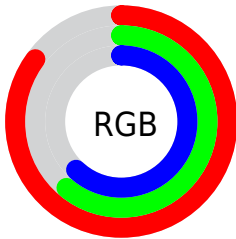
Format	Color
R _Y B	217, 155, 158
Decimal	14261150
CIE Lab	69.94, 23.58, 7.67
CIE LCh	70, 24.794, 18.032
Yxy	40.6630, 0.3723, 0.3255
Android (android.graphics.Color)	4292451230 (0xFFD99B9E)
YUV	173.8800, -7.8288, 37.8162
Hunter-Lab	63.7676, 18.5938, 9.5424

Details

The RGB color **217, 155, 158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **155, 217, 214**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 210, 213**, and **161, 103, 107** is the 20% darker color. If you saturate the color by 10%, you get **217, 133, 137**, and if you desaturate by 10%, it is **217, 177, 179**.

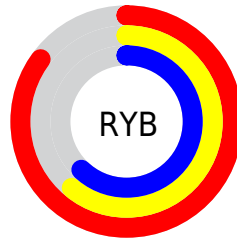
Distribution



Red (85%)

Green (61%)

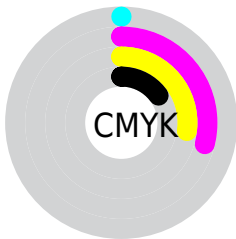
Blue (62%)



Red (85%)

Yellow (61%)

Blue (62%)

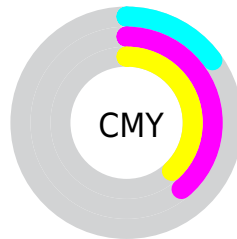


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 155, 158 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 217, 155, 158 by changing the saturation by 10% instead.


 217, 155, 158

 217, 155, 158

255, 255, 255

 189, 129, 132

 255, 210, 213

 161, 103, 107

 255, 238, 241

 134, 79, 83


 107, 55, 60


 82, 32, 38

 57, 10, 17

 37, 0, 1

 0, 0, 0

 217, 155, 158

 217, 155, 158

 217, 133, 137

 217, 177, 179

 217, 112, 117

 217, 198, 199

 217, 90, 96


 217, 220, 220

 217, 68, 75

 217, 242, 241

 217, 46, 55

 217, 255, 255

 217, 25, 34

 217, 3, 13

 217, 0, 11

Harmonies

Analogous

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



210, 156, 181



217, 155, 158



212, 159, 138

Triad

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



217, 155, 158



148, 180, 140



131, 176, 214

Complementary

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



217, 155, 158



155, 217, 214

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.



109, 181, 204



217, 155, 158



123, 183, 161

Square

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



217, 155, 158



173, 174, 128



107, 184, 184



162, 168, 213

Rectangle

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



217, 155, 158



202, 164, 130



107, 184, 184



122, 178, 212

Sweetspot

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



217, 155, 158



255, 232, 233



214, 155, 217



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



217, 155, 158



255, 168, 172



217, 183, 155



110, 99, 99



173, 0, 8



46, 0, 2

Inverse Universe

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



217, 155, 158



255, 168, 172



155, 189, 217



110, 99, 99



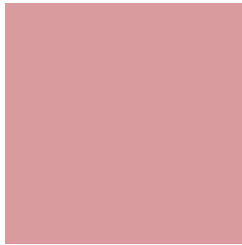
173, 0, 8



46, 0, 2

Previews

White Background



This preview shows how the RGB color 217, 155, 158 looks on a white background.

Color Contrast Check

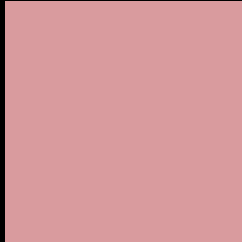
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 217, 155, 158 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](#).

RGB 217, 155, 158 Background



This preview shows how black text looks on a background with the RGB color 217, 155, 158.



This preview shows how white text looks on a background with the RGB color 217, 155, 158.

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
217, 155, 158

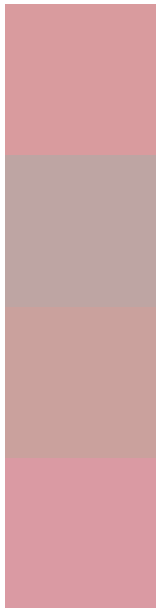
Protanopia
175, 171, 166

Deuteranopia
193, 165, 156



Tritanopia
218, 154, 166

Trichromacy



Original Color
217, 155, 158

Protanomaly
190, 165, 163

Deuteranomaly
202, 161, 157

Tritanomaly
218, 154, 163

Monochromacy



Original Color
217, 155, 158

Achromatopsia
174, 174, 174

Achromatomaly
190, 167, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 155, 158 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(217, 155, 158) looks like.

```
.text, #text, p{  
    color:rgb(217, 155, 158)  
}
```

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(217, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 155, 158) }
```

Border

The CSS property to change the border of an element to RGB 217, 155, 158 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(217, 155, 158) }
```

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

```
.border{ border-color:rgb(217, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(217, 155,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 217, 155, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 155, 158) }
```

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

```
.background{ background-color: rgb(217,  
155, 158) }
```

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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