

Converting Colors

RGB(242, 217, 155)

Have a look what the booklet for
RGB(242, 217, 155) contains.

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Color

RGB(242, 217, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F2D99B
RGB	242, 217, 155
RGB Percent	95%, 85%, 61%
CMY	0.0510, 0.1490, 0.3922
CMYK	0.00, 0.10, 0.36, 0.05
HSL	43°, 77%, 78%
HSV	43°, 36%, 95%
XYZ	67.3472, 70.8695, 41.1400
YIQ	217.4070, 34.8020, -13.9820

Conversions

Conversions Part 2

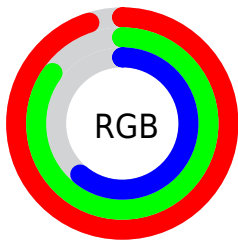
Format	Color
R _Y B	190, 242, 155
Decimal	15915419
CIE Lab	87.42, -0.03, 33.73
CIE LCh	87, 33.725, 90.046
Yxy	70.8695, 0.3755, 0.3951
Android (android.graphics.Color)	4294105499 (0xFFF2D99B)
YUV	217.4070, -30.7667, 21.5681
Hunter-Lab	84.1840, -4.5221, 29.9544

Details

The RGB color **242, 217, 155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155, 180, 242**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 210**, and **185, 162, 103** is the 20% darker color. If you saturate the color by 10%, you get **242, 210, 131**, and if you desaturate by 10%, it is **242, 224, 179**.

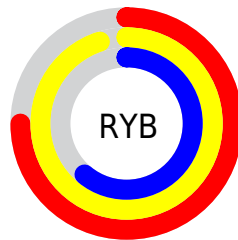
Distribution



Red (95%)

Green (85%)

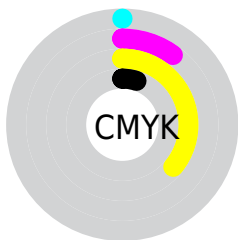
Blue (61%)



Red (75%)

Yellow (95%)

Blue (61%)

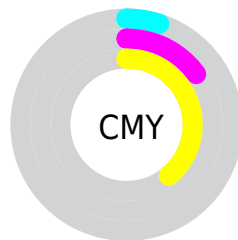


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 217, 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 RGB color 242, 217, 155 by changing the saturation by 10% instead.

 242, 217, 155

255, 255, 255

 255, 255, 210


 255, 255, 238

 242, 217, 155

 213, 189, 129

 185, 162, 103

 157, 136, 78

 130, 111, 54

 104, 87, 31

 78, 64, 7

 54, 42, 0

 30, 22, 0

 0, 0, 0

■ 242, 217, 155

■ 242, 217, 155

■ 242, 210, 131

■ 242, 224, 179

■ 242, 203, 107

■ 242, 231, 203

■ 242, 196, 82

■ 242, 238, 228

■ 242, 189, 58

■ 242, 245, 252

■ 242, 182, 34

■ 242, 252, 255

■ 242, 175, 10

■ 242, 255, 255

■ 242, 172, 0

Harmonies

Analogous

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



255, 206, 165



242, 217, 155



208, 227, 163

Triad

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



242, 217, 155



120, 236, 250



255, 201, 252

Complementary

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



242, 217, 155



155, 180, 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.



224, 211, 255



242, 217, 155



137, 231, 255

Square

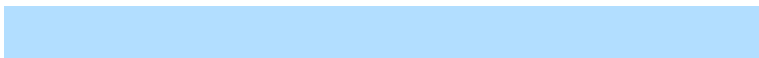
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 217, 155



137, 237, 218



178, 222, 255



255, 196, 220

Rectangle

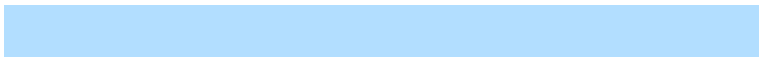
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 217, 155



183, 232, 177



178, 222, 255



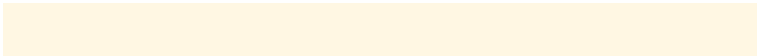
250, 204, 255

Sweetspot

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



242, 217, 155



255, 247, 227



242, 155, 181



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



242, 217, 155



255, 223, 145



225, 242, 155



120, 116, 108



184, 131, 0



56, 40, 0

Inverse Universe

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



155, 180, 242



145, 177, 255



172, 155, 242



108, 111, 120



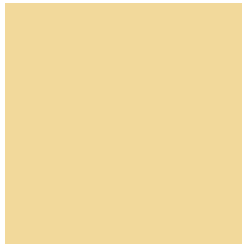
0, 53, 184



0, 16, 56

Previews

White Background



This preview shows how the RGB color 242, 217, 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 RGB color 242, 217, 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](#).

RGB 242, 217, 155 Background



This preview shows how black text looks on a background with the RGB color 242, 217, 155.



This preview shows how white text looks on a background with the RGB color 242, 217, 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



Original Color
242, 217, 155

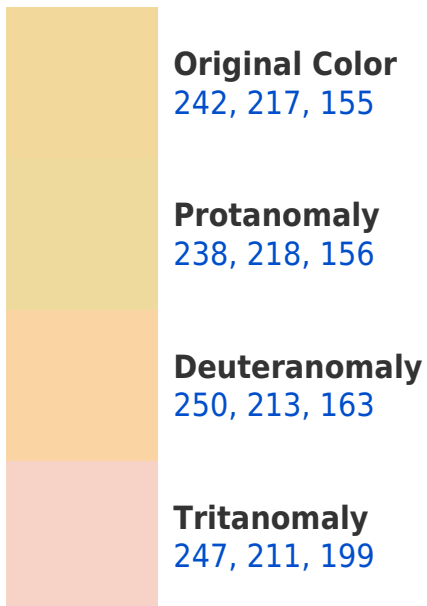
Protanopia
236, 219, 156

Deuteranopia
255, 211, 167



Tritanopia
250, 208, 224

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 217, 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(242, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 155) }
```

Border

The CSS property to change the border of an element to RGB 242, 217, 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(242, 217, 155) }
```

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

```
.border{ border-color:rgb(242, 217, 155) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 242, 217, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 155) }
```

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

```
.background{ background-color: rgb(242,  
217, 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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