

Converting Colors

`RYB(237, 219, 163)`

Have a look what the booklet for
RYB(237, 219, 163) contains.

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Color

R_YB(237, 219, 163)

Conversions

Conversions Part 1

Format	Color
Hex	EDC3A3
RGB	237, 195, 163
RGB Percent	93%, 76%, 64%
CMY	0.0706, 0.2358, 0.3608
CMYK	0.00, 0.18, 0.31, 0.07
HSL	26°, 67%, 78%
HSV	26°, 31%, 93%
XYZ	61.0235, 59.6239, 42.9426
YIQ	203.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

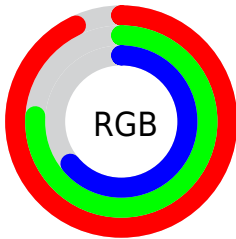
Format	Color
R_YB	237, 219, 163
Decimal	15582115
CIE Lab	81.63, 10.51, 21.66
CIE LCh	82, 24.079, 64.121
Yxy	59.6239, 0.3730, 0.3645
Android (android.graphics.Color)	4293772195 (0xFFEDC3A3)
YUV	203.9100, -20.1686, 29.0199
Hunter-Lab	77.2165, 5.9378, 21.0785

Details

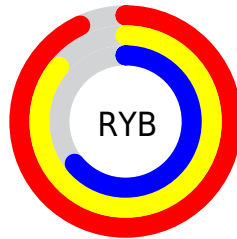
The RYB color **237, 219, 163** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **163, 190, 237**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **221, 255, 218**, and **180, 164, 111** is the 20% darker color. If you saturate the color by 10%, you get **237, 213, 139**, and if you desaturate by 10%, it is **237, 223, 187**.

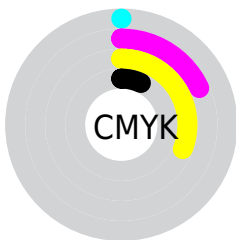
Distribution



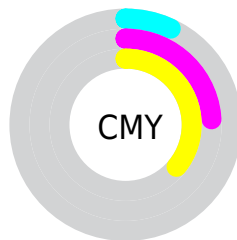
- Red (93%)
- Green (76%)
- Blue (64%)



- Red (93%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 219, 163 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 237, 219, 163 by changing the saturation by 10% instead.


 237, 219, 163


255, 255, 255

 222, 255, 218

 247, 255, 247

 237, 219, 163


 208, 192, 137

 180, 164, 111

 152, 139, 87

 126, 113, 63

 100, 91, 41

 74, 67, 20

 51, 45, 0

 27, 0, 0

 0, 0, 0

 237, 219, 163

 237, 219, 163

 237, 213, 139

 237, 223, 187

 237, 207, 116

 237, 232, 210

 237, 200, 92

 237, 236, 234

 237, 197, 68

 237, 244, 255

 237, 188, 45

 237, 246, 255

 237, 184, 21

 237, 179, 0

Harmonies

Analogous

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



248, 191, 179



237, 219, 163



178, 217, 158

Triad

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



237, 219, 163



146, 184, 216



211, 196, 240

Complementary

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



237, 219, 163



163, 190, 237

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.



181, 198, 247



237, 219, 163



140, 180, 227

Square

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



237, 219, 163



167, 202, 214



153, 188, 243



235, 190, 223

Rectangle

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



237, 219, 163



161, 207, 167



153, 188, 243



201, 199, 244

Sweetspot

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



237, 219, 163



255, 250, 232



237, 163, 206



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

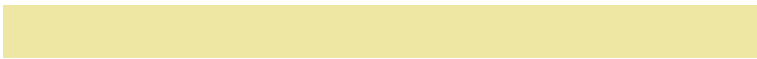
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 219, 163



255, 231, 161



170, 237, 163



117, 115, 106



181, 137, 0



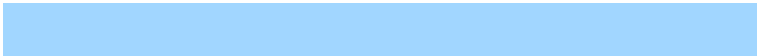
54, 40, 0

Inverse Universe

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



163, 190, 237



161, 195, 255



163, 169, 237



106, 110, 117



0, 66, 181



0, 19, 54

Previews

White Background



This preview shows how the RYB color 237, 219, 163 looks on a white background.

Color Contrast Check

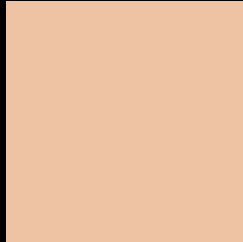
Large Text (above 18pt) WCAG AA × Fail

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 237, 219, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

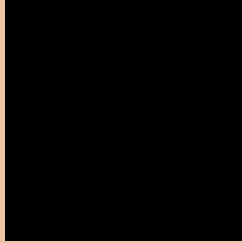
Any Text WCAG AA ✓ Pass

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 237, 219, 163 Background



This preview shows how black text looks on a background with the RYB color 237, 219, 163.



This preview shows how white text looks on a background with the RYB color 237, 219, 163.

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
237, 219, 163

Protanopia
183, 215, 167

Deuteranopia
236, 220, 163



Tritanopia
241, 189, 204

Trichromacy



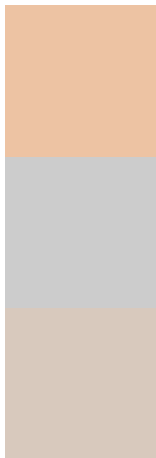
Original Color
237, 219, 163

Protanomaly
205, 223, 166

Deuteranomaly
236, 220, 163

Tritanomaly
240, 191, 189

Monochromacy



Original Color
237, 219, 163

Achromatopsia
204, 204, 204

Achromatomaly
216, 211, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 219, 163 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(237, 195, 163)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 163)  
}
```

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(237, 195, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 163) }
```

Border

The CSS property to change the border of an element to RYB 237, 219, 163 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(237, 195, 163) }
```

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

```
.border{ border-color:rgb(237, 195, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 163);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 237, 219, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 163) }
```

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

```
.background{ background-color: rgb(237,  
195, 163) }
```

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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