

Converting Colors

`RYB(219, 219, 85)`

Have a look what the booklet for
RYB(219, 219, 85) contains.

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Color

$\text{RYB}(219, 219, 85)$

Conversions

Conversions Part 1

Format	Color
Hex	DB9855
RGB	219, 152, 85
RGB Percent	86%, 60%, 33%
CMY	0.1412, 0.4039, 0.6667
CMYK	0.00, 0.31, 0.61, 0.14
HSL	30°, 65%, 60%
HSV	30°, 61%, 86%
XYZ	42.0813, 38.1724, 13.7444
YIQ	164.3950, 61.4390, -6.6330

Conversions

Conversions Part 2

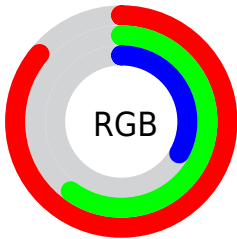
Format	Color
R _{YB}	219, 219, 85
Decimal	14391381
CIE Lab	68.15, 18.38, 44.75
CIE LCh	68, 48.381, 67.674
Yxy	38.1724, 0.4477, 0.4061
Android (android.graphics.Color)	4292581461 (0xFFDB9855)
YUV	164.3950, -39.1417, 47.8886
Hunter-Lab	61.7838, 13.4557, 30.0590

Details

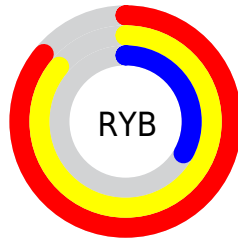
The RYB color **219, 219, 85** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **85, 130, 219**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **219, 255, 136**, and **149, 160, 36** is the 20% darker color. If you saturate the color by 10%, you get **219, 219, 63**, and if you desaturate by 10%, it is **219, 219, 107**.

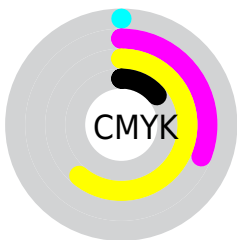
Distribution



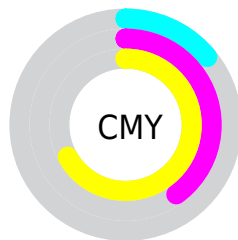
- Red (86%)
- Green (60%)
- Blue (33%)



- Red (86%)
- Yellow (86%)
- Blue (33%)



- Cyan (0%)
- Magenta (31%)
- Yellow (61%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 219, 85 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 219, 219, 85 by changing the saturation by 10% instead.



219, 219, 85



219, 219, 85

255, 255, 255



183, 189, 60



219, 255, 136



149, 160, 36



189, 255, 163



107, 132, 8



191, 255, 191



96, 104, 0



219, 255, 219



76, 55, 0



248, 255, 248



50, 14, 0



22, 0, 0



0, 0, 0




219, 219, 85



219, 219, 85

 219, 219, 63

 219, 219, 107

 219, 219, 41

 219, 219, 129

 219, 219, 19

 219, 219, 151

 217, 219, 0

 219, 219, 173

 219, 219, 195

 218, 219, 216

 219, 226, 238

 219, 232, 255

 219, 236, 255

Harmonies

Analogous

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



243, 142, 115



219, 219, 85



93, 182, 76

Triad

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



219, 219, 85



0, 98, 189



184, 150, 236

Complementary

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



219, 219, 85



85, 130, 219

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.



113, 152, 253



219, 219, 85



0, 101, 218

Square

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



219, 219, 85



73, 148, 186



0, 104, 246



229, 135, 200

Rectangle

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



219, 219, 85



86, 176, 111



0, 104, 246



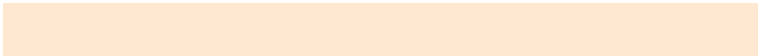
164, 156, 244

Sweetspot

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



219, 219, 85



255, 255, 209



219, 85, 152



128, 126, 99



0, 0, 0



128, 128, 128

Same Dimension

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



219, 219, 85



255, 255, 69



85, 219, 85



110, 108, 99



171, 173, 0



46, 46, 0

Inverse Universe

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



85, 130, 219



69, 131, 255



85, 85, 219



99, 102, 110



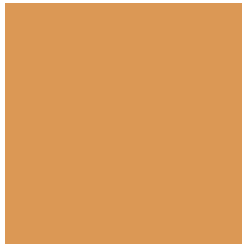
0, 58, 173



0, 15, 46

Previews

White Background



This preview shows how the RYB color 219, 219, 85 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 219, 219, 85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

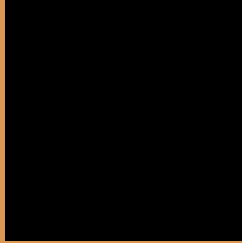
Any Text WCAG AA ✓ Pass

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](#).

R_YB 219, 219, 85 Background



This preview shows how black text looks on a background with the RYB color 219, 219, 85.



This preview shows how white text looks on a background with the RYB color 219, 219, 85.

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
219, 219, 85

Protanopia
109, 183, 90

Deuteranopia
157, 205, 83



Tritanopia
224, 144, 155

Trichromacy



Original Color

219, 219, 85

Protanomaly

138, 196, 88

Deuteranomaly

179, 210, 84

Tritanomaly

222, 151, 130

Monochromacy



Original Color

219, 219, 85

Achromatopsia

164, 164, 164

Achromatomaly

182, 184, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 219, 85 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(219, 152, 85)` looks like.

```
.text, #text, p{  
    color:rgb(219, 152, 85)  
}
```

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(219, 152, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 152, 85) }
```

Border

The CSS property to change the border of an element to RYB 219, 219, 85 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(219, 152, 85) }
```

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

```
.border{ border-color:rgb(219, 152, 85) }
```

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

Here you see how a box with a 4 pixel rgb(219, 152, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 152, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 152, 85);  
box-shadow:4px 4px 4px 4px rgb(219, 152,  
85) }
```

Background

The CSS property to change the background color of an element to RGB 219, 152, 85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 152, 85) }
```

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

```
.background{ background-color: rgb(219,  
152, 85) }
```

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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