

Converting Colors

`RYB(252, 228, 189)`

Have a look what the booklet for
RYB(252, 228, 189) contains.

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Color

R_YB(252, 228, 189)

Conversions

Conversions Part 1

Format	Color
Hex	FCD5BD
RGB	252, 213, 189
RGB Percent	99%, 84%, 74%
CMY	0.0118, 0.1644, 0.2588
CMYK	0.00, 0.15, 0.25, 0.01
HSL	23°, 91%, 86%
HSV	23°, 25%, 99%
XYZ	73.1466, 72.0025, 58.1867
YIQ	221.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

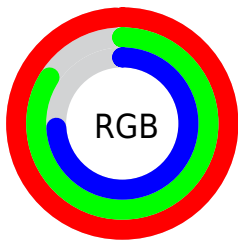
Format	Color
R_{YB}	252, 228, 189
Decimal	16569789
CIE _{Lab}	87.97, 10.05, 16.96
CIE _{LCh}	88, 19.715, 59.336
Yxy	72.0025, 0.3597, 0.3541
Android (android.graphics.Color)	4294759869 (0xFFFC _{D5BD})
YUV	221.9250, -16.2320, 26.3758
Hunter-Lab	84.8543, 5.3768, 18.7413

Details

The RYB color **252, 228, 189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 213, 252**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **245, 255, 245**, and **195, 171, 136** is the 20% darker color. If you saturate the color by 10%, you get **252, 219, 164**, and if you desaturate by 10%, it is **252, 239, 214**.

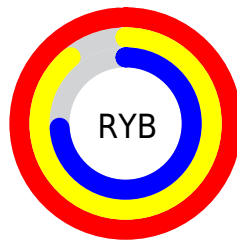
Distribution



Red (99%)

Green (84%)

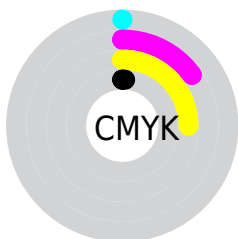
Blue (74%)



Red (99%)

Yellow (89%)

Blue (74%)

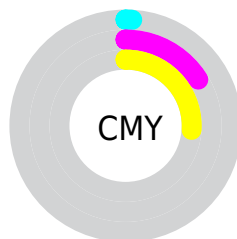


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 228, 189 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 252, 228, 189 by changing the saturation by 10% instead.

 252, 228, 189

255, 255, 255


 245, 255, 245

 252, 228, 189


 223, 199, 162

 195, 171, 136


 167, 146, 110

 140, 120, 86

 114, 97, 62

 88, 74, 40

 64, 50, 20

 41, 29, 0

 3, 0, 0

252, 228, 189

252, 228, 189

252, 219, 164

252, 239, 214

252, 208, 139

252, 247, 239

252, 199, 113

252, 254, 255

252, 190, 88

252, 179, 63

252, 171, 38

252, 160, 13

252, 155, 0

Harmonies

Analogous

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



255, 210, 203



252, 228, 189



208, 236, 183

Triad

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



252, 228, 189



177, 208, 232



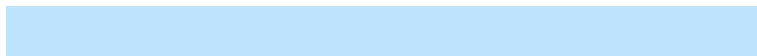
224, 216, 253

Complementary

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



252, 228, 189



189, 213, 252

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.



199, 215, 255



252, 228, 189



171, 203, 238

Square

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



252, 228, 189



194, 223, 229



179, 208, 252



245, 210, 240

Rectangle

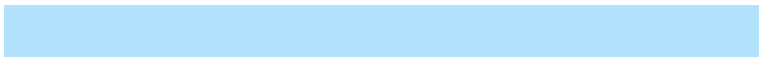
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 228, 189



185, 223, 186



179, 208, 252



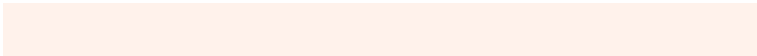
216, 218, 255

Sweetspot

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



252, 228, 189



255, 246, 235



252, 189, 229



128, 123, 115



0, 0, 0



128, 128, 128

Same Dimension

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



252, 228, 189



255, 226, 179



198, 252, 189



125, 120, 112



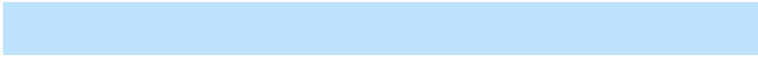
189, 116, 0



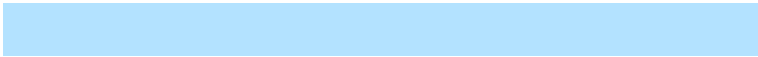
61, 37, 0

Inverse Universe

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



189, 213, 252



179, 208, 255



189, 196, 252



112, 117, 125



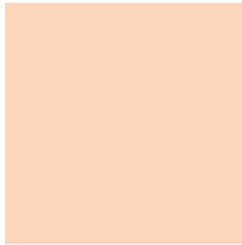
0, 72, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 252, 228, 189 looks on a white background.

Color Contrast Check

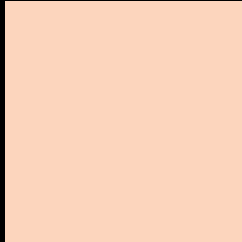
Large Text (above 18pt) WCAG AA × Fail

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 252, 228, 189 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 252, 228, 189 Background



This preview shows how black text looks on a background with the RYB color 252, 228, 189.

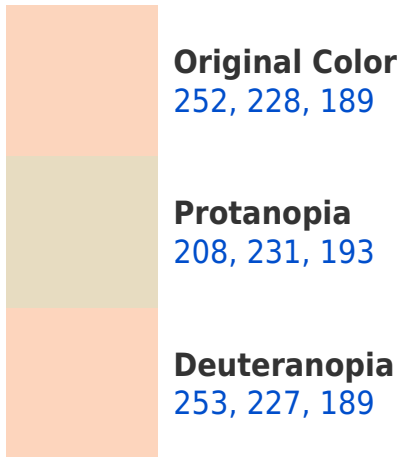


This preview shows how white text looks on a background with the RYB color 252, 228, 189.

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
255, 208, 224

Trichromacy



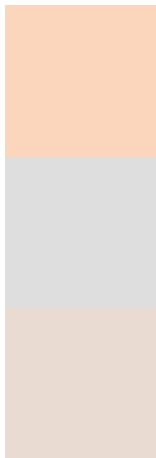
Original Color
252, 228, 189

Protanomaly
233, 239, 192

Deuteranomaly
253, 227, 189

Tritanomaly
254, 210, 211

Monochromacy



Original Color
252, 228, 189

Achromatopsia
222, 222, 222

Achromatomaly
233, 225, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 228, 189 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(252, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 213, 189)  
}
```

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(252, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 213, 189) }
```

Border

The CSS property to change the border of an element to RYB 252, 228, 189 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(252, 213, 189) }
```

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

```
.border{ border-color:rgb(252, 213, 189) }
```

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

Here you see how a box with a 4 pixel rgb(252, 213, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(252, 213,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 252, 228, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 213, 189) }
```

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

```
.background{ background-color: rgb(252,  
213, 189) }
```

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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