

Converting Colors

`RYB(248, 228, 188)`

Have a look what the booklet for
RYB(248, 228, 188) contains.

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Color

R_YB(248, 228, 188)

Conversions

Conversions Part 1

Format	Color
Hex	F8D4BC
RGB	248, 212, 188
RGB Percent	97%, 83%, 74%
CMY	0.0275, 0.1686, 0.2627
CMYK	0.00, 0.15, 0.24, 0.03
HSL	24°, 81%, 85%
HSV	24°, 24%, 97%
XYZ	71.3320, 70.6743, 57.4588
YIQ	220.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

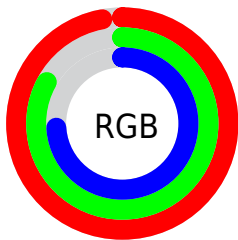
Format	Color
R _Y B	248, 228, 188
Decimal	16307388
CIE Lab	87.33, 9.01, 16.53
CIE LCh	87, 18.823, 61.414
Yxy	70.6743, 0.3576, 0.3543
Android (android.graphics.Color)	4294497468 (0xFFF8D4BC)
YUV	220.0280, -15.7898, 24.5314
Hunter-Lab	84.0680, 4.3389, 18.3240

Details

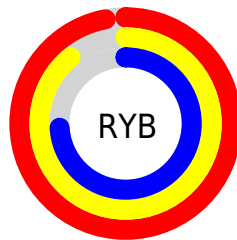
The RYB color **248, 228, 188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 211, 248**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **244, 255, 244**, and **191, 171, 135** is the 20% darker color. If you saturate the color by 10%, you get **248, 220, 163**, and if you desaturate by 10%, it is **248, 236, 213**.

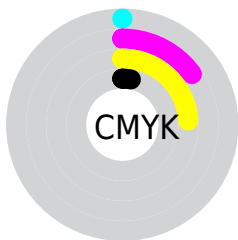
Distribution



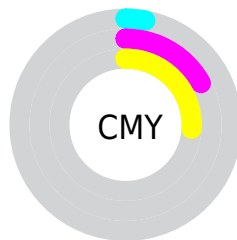
- Red (97%)
- Green (83%)
- Blue (74%)



- Red (97%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 228, 188 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 248, 228, 188 by changing the saturation by 10% instead.


 248, 228, 188

255, 255, 255

 244, 255, 244

 248, 228, 188

 219, 199, 161


 191, 171, 135

 163, 146, 109

 137, 120, 85

 110, 96, 62

 85, 73, 40

 61, 51, 19

 39, 30, 0

 0, 0, 0

 248, 228, 188

 248, 228, 188

 248, 220, 163


 248, 236, 213


 248, 211, 138


 248, 245, 238


 248, 202, 114

 248, 252, 255

 248, 193, 89

 248, 188, 64

 248, 179, 39

 248, 171, 14

 248, 165, 0

Harmonies

Analogous

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



255, 209, 201



248, 228, 188



203, 232, 183

Triad

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



248, 228, 188



177, 206, 229



223, 214, 249

Complementary

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



248, 228, 188



188, 211, 248

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.



200, 215, 254



248, 228, 188



172, 202, 237

Square

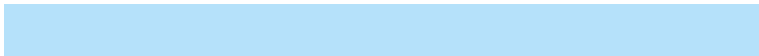
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 228, 188



192, 221, 228



181, 208, 250



243, 209, 236

Rectangle

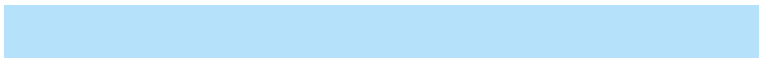
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 228, 188



185, 222, 188



181, 208, 250



216, 216, 252

Sweetspot

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



248, 228, 188



255, 248, 237



248, 188, 224



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



248, 228, 188



255, 231, 181



195, 248, 188



125, 120, 112



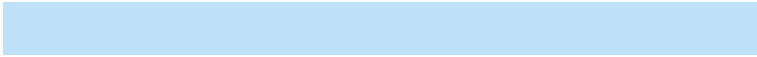
189, 124, 0



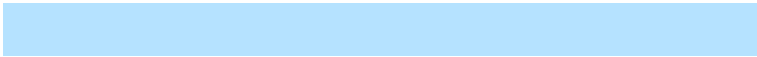
61, 40, 0

Inverse Universe

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



188, 211, 248



181, 209, 255



188, 193, 248



112, 117, 125



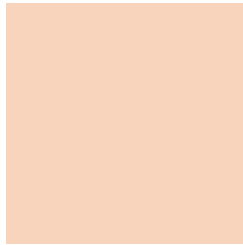
0, 71, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 248, 228, 188 looks on a white background.

Color Contrast Check

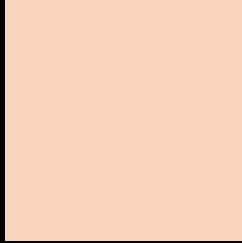
Large Text (above 18pt) WCAG AA × Fail

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 248, 228, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

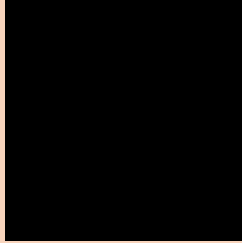
Any Text WCAG AA ✓ Pass

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 248, 228, 188 Background



This preview shows how black text looks on a background with the RYB color 248, 228, 188.



This preview shows how white text looks on a background with the RYB color 248, 228, 188.

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
248, 228, 188

Protanopia
206, 229, 191

Deuteranopia
251, 224, 188



Tritanopia
252, 207, 223

Trichromacy



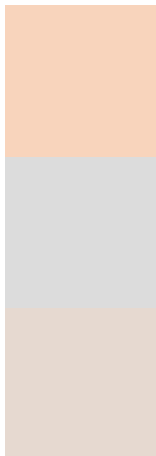
Original Color
248, 228, 188

Protanomaly
225, 236, 190

Deuteranomaly
250, 225, 188

Tritanomaly
251, 209, 210

Monochromacy



Original Color
248, 228, 188

Achromatopsia
220, 220, 220

Achromatomaly
230, 223, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 228, 188 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(248, 212, 188)` looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 188)  
}
```

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(248, 212, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 188) }
```

Border

The CSS property to change the border of an element to RYB 248, 228, 188 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(248, 212, 188) }
```

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

```
.border{ border-color:rgb(248, 212, 188) }
```

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

Here you see how a box with a 4 pixel rgb(248, 212, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(248, 212,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 248, 228, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 188) }
```

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

```
.background{ background-color: rgb(248,  
212, 188) }
```

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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