

Converting Colors

`RYB(253, 216, 202)`

Have a look what the booklet for
RYB(253, 216, 202) contains.

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Color

R_YB(253, 216, 202)

Conversions

Conversions Part 1

Format	Color
Hex	FDD5CA
RGB	253, 213, 202
RGB Percent	99%, 84%, 79%
CMY	0.0078, 0.1648, 0.2078
CMYK	0.00, 0.16, 0.20, 0.01
HSL	13°, 93%, 89%
HSV	13°, 20%, 99%
XYZ	74.9591, 72.7277, 65.9642
YIQ	223.7060, 27.3710, 5.0590

Conversions

Conversions Part 2

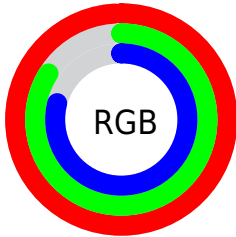
Format	Color
R _Y B	253, 216, 202
Decimal	16635338
CIE Lab	88.32, 12.31, 10.63
CIE LCh	88, 16.262, 40.807
Yxy	72.7277, 0.3508, 0.3404
Android (android.graphics.Color)	4294825418 (0xFFFD5CA)
YUV	223.7060, -10.7011, 25.6908
Hunter-Lab	85.2805, 7.6553, 13.8358

Details

The RYB color **253, 216, 202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 224, 253**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 161, 148** is the 20% darker color. If you saturate the color by 10%, you get **253, 197, 177**, and if you desaturate by 10%, it is **253, 235, 227**.

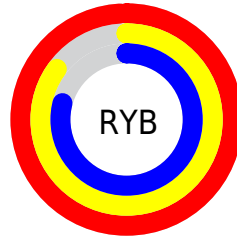
Distribution



Red (99%)

Green (84%)

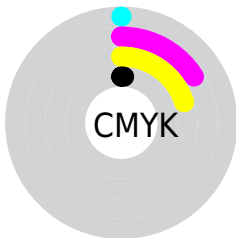
Blue (79%)



Red (99%)

Yellow (85%)

Blue (79%)

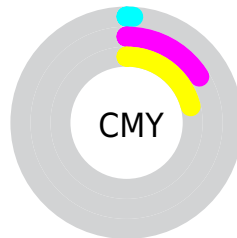


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 216, 202 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 253, 216, 202 by changing the saturation by 10% instead.

253, 216, 202

255, 255, 255

253, 216, 202

224, 188, 175

196, 161, 148

168, 135, 122

141, 110, 97

115, 86, 74

90, 61, 51

66, 39, 30

43, 23, 5

13, 0, 0

253, 216, 202

253, 216, 202

253, 197, 177

253, 235, 227

253, 179, 151

253, 253, 253

253, 160, 126

253, 254, 255

253, 143, 101

253, 125, 75

253, 106, 50

253, 87, 25

253, 69, 0

Harmonies

Analogous

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



254, 211, 216



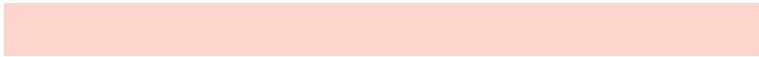
253, 216, 202



244, 238, 193

Triad

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



253, 216, 202



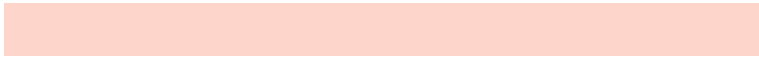
194, 218, 230



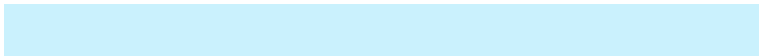
212, 219, 252

Complementary

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



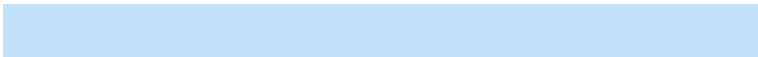
253, 216, 202



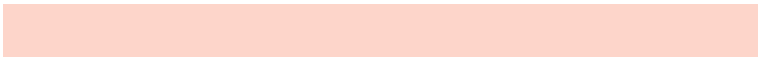
202, 224, 253

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.



194, 214, 250



253, 216, 202



184, 209, 231

Square

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



253, 216, 202



198, 227, 215



183, 209, 241



232, 216, 245

Rectangle

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



253, 216, 202



210, 234, 191



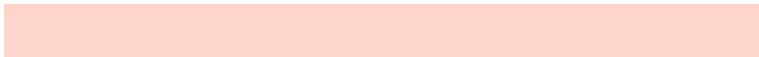
183, 209, 241



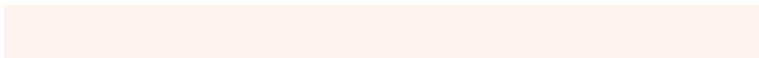
205, 218, 252

Sweetspot

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



253, 216, 202



255, 244, 240



253, 202, 243



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

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



253, 216, 202



255, 211, 194



223, 253, 202



128, 117, 115



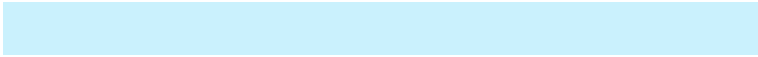
191, 52, 0



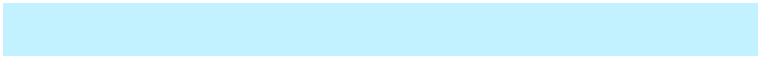
64, 18, 0

Inverse Universe

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



202, 224, 253



194, 221, 255



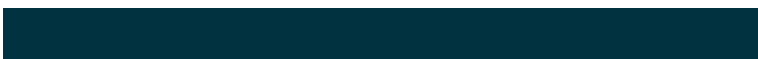
202, 214, 253



115, 121, 128



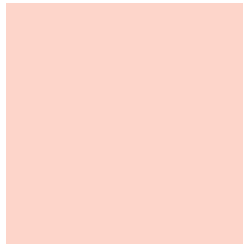
0, 84, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 253, 216, 202 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 253, 216, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

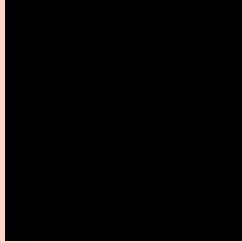
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

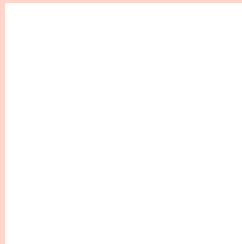
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 253, 216, 202 Background



This preview shows how black text looks on a background with the RYB color 253, 216, 202.

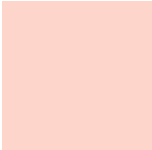
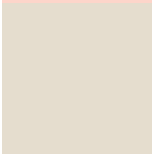
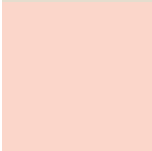


This preview shows how white text looks on a background with the RYB color 253, 216, 202.

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 253, 216, 202
	Protanopia 218, 229, 206
	Deuteranopia 251, 218, 202



Tritanopia
255, 210, 226

Trichromacy



Original Color

253, 216, 202

Protanomaly

238, 226, 205

Deuteranomaly

252, 218, 202

Tritanomaly

254, 211, 217

Monochromacy



Original Color

253, 216, 202

Achromatopsia

224, 224, 224

Achromatomaly

235, 221, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 216, 202 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(253, 213, 202)` looks like.

```
.text, #text, p{  
    color:rgb(253, 213, 202)  
}
```

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(253, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 213, 202) }
```

Border

The CSS property to change the border of an element to RYB 253, 216, 202 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(253, 213, 202) }
```

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

```
.border{ border-color:rgb(253, 213, 202) }
```

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

Here you see how a box with a 4 pixel rgb(253, 213, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(253, 213,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 253, 213, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 213, 202) }
```

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

```
.background{ background-color: rgb(253,  
213, 202) }
```

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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