

Converting Colors

`RYB(254, 220, 218)`

Have a look what the booklet for RYB(254, 220, 218) contains.

RYB(254, 220, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(254, 220, 218)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCDA
RGB	254, 220, 218
RGB Percent	100%, 86%, 85%
CMY	0.0039, 0.1377, 0.1451
CMYK	0.00, 0.13, 0.14, 0.00
HSL	3°, 95%, 93%
HSV	3°, 14%, 100%
XYZ	79.0935, 77.2639, 77.0744
YIQ	229.9380, 20.9060, 6.5860

Conversions

Conversions Part 2

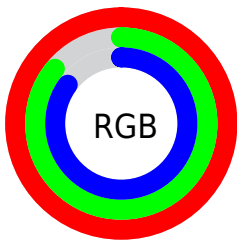
Format	Color
RYB	254, 220, 218
Decimal	16702682
CIELab	90.44, 11.49, 5.28
CIElCh	90, 12.644, 24.677
Yxy	77.2639, 0.3388, 0.3310
Android (android.graphics.Color)	4294892762 (0xFFFECDCA)
YUV	229.9380, -5.8854, 21.1024
Hunter-Lab	87.8999, 6.7918, 9.5419

Details

The RYB color **254, 220, 218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **218, 235, 254**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 165, 163** is the 20% darker color. If you saturate the color by 10%, you get **254, 196, 193**, and if you desaturate by 10%, it is **254, 244, 243**.

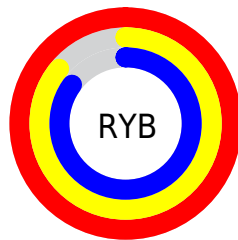
Distribution



Red (100%)

Green (86%)

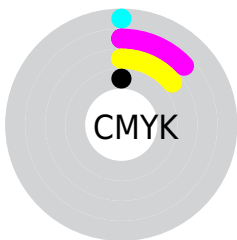
Blue (85%)



Red (100%)

Yellow (86%)

Blue (85%)

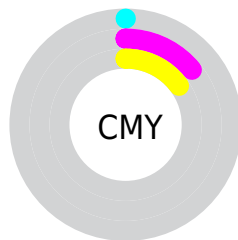


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 220, 218 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 254, 220, 218 by changing the saturation by 10% instead.


 254, 220, 218

255, 255, 255

 254, 220, 218

 225, 192, 190

 197, 165, 163


 170, 139, 137

 143, 113, 112

 117, 88, 87

 92, 65, 64

 68, 43, 42

 45, 22, 22


 25, 0, 0

 254, 220, 218


 254, 220, 218

 254, 196, 193


 254, 244, 243

 254, 172, 167

254, 255, 255

 254, 148, 142

 254, 124, 116

 254, 101, 91

 254, 77, 66

 254, 52, 40

 254, 28, 15

 254, 14, 0

Harmonies

Analogous

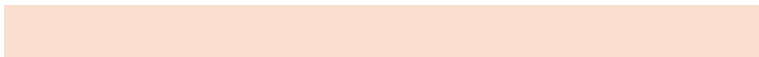
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 220, 230



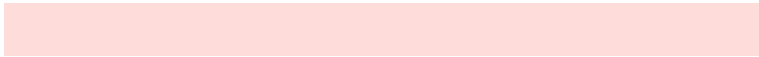
254, 220, 218



250, 229, 208

Triad

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



254, 220, 218



213, 233, 233



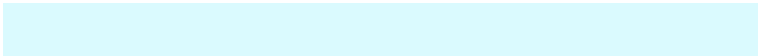
213, 224, 251

Complementary

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



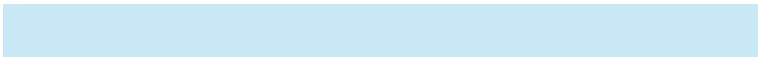
254, 220, 218



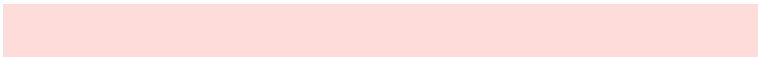
218, 235, 254

Split Complementary

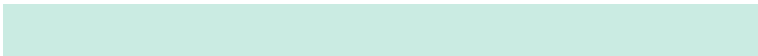
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201, 220, 247



254, 220, 218



202, 221, 235

Square

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



254, 220, 218



206, 230, 209



197, 216, 237



227, 225, 249

Rectangle

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



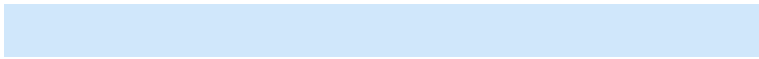
254, 220, 218



242, 244, 205



197, 216, 237



208, 223, 251

Sweetspot

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



254, 220, 218



255, 245, 245



254, 218, 252



128, 121, 121



0, 0, 0



128, 128, 128

Same Dimension

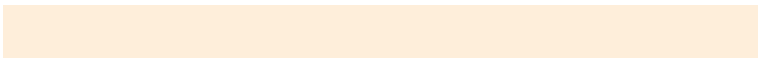
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 220, 218



255, 214, 212



247, 254, 218



128, 115, 115



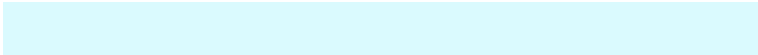
191, 11, 0



64, 3, 0

Inverse Universe

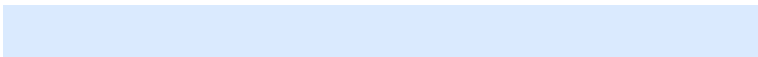
The Inverse Universe completely reimagines the original color for something new.



218, 235, 254



212, 233, 255



218, 229, 254



115, 121, 128



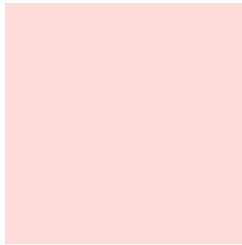
0, 93, 191



0, 31, 64

Previews

White Background



This preview shows how the RYB color 254, 220, 218 looks on a white background.

Color Contrast Check

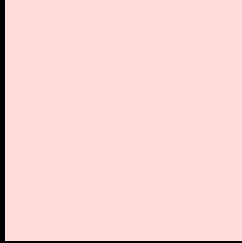
Large Text (above 18pt) WCAG AA × Fail

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 254, 220, 218 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

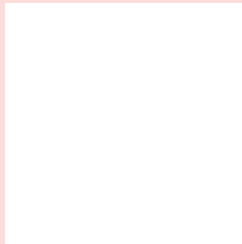
Any Text WCAG AAA ✓ Pass

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

RYP 254, 220, 218 Background



This preview shows how black text looks on a background with the RYB color 254, 220, 218.

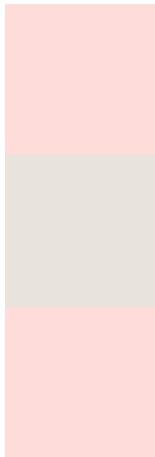


This preview shows how white text looks on a background with the RYB color 254, 220, 218.

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
254, 220, 218

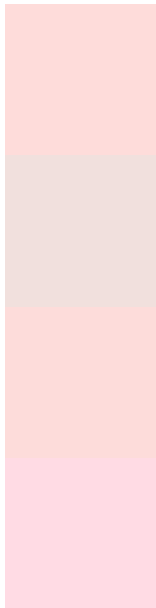
Protanopia
233, 231, 222

Deuteranopia
253, 220, 218



Tritanopia
255, 218, 234

Trichromacy



Original Color

254, 220, 218

Protanomaly

241, 225, 221

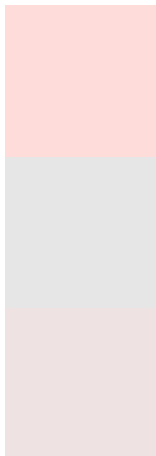
Deuteranomaly

253, 220, 218

Tritanomaly

255, 219, 228

Monochromacy



Original Color

254, 220, 218

Achromatopsia

230, 230, 230

Achromatomaly

239, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 220, 218 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(254, 220, 218) looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 218)  
}
```

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(254, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 218) }
```

Border

The CSS property to change the border of an element to RYB 254, 220, 218 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(254, 220, 218) }
```

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

```
.border{ border-color:rgb(254, 220, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 254, 220, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 218) }
```

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

```
.background{ background-color: rgb(254,  
220, 218) }
```

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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