

Converting Colors

`RYB(252, 220, 240)`

Have a look what the booklet for
RYB(252, 220, 240) contains.

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Color

R_YB(252, 220, 240)

Conversions

Conversions Part 1

Format	Color
Hex	FCDCF0
RGB	252, 220, 240
RGB Percent	99%, 86%, 94%
CMY	0.0118, 0.1373, 0.0588
CMYK	0.00, 0.13, 0.05, 0.01
HSL	322°, 84%, 93%
HSV	322°, 13%, 99%
XYZ	81.4663, 78.1731, 93.2333
YIQ	231.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

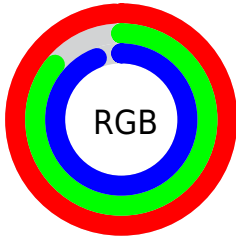
Format	Color
R _Y B	252, 220, 240
Decimal	16571632
CIE Lab	90.86, 14.35, -5.68
CIE LCh	91, 15.436, 338.414
Yxy	78.1731, 0.3222, 0.3091
Android (android.graphics.Color)	4294761712 (0xFFFCDCF0)
YUV	231.8480, 4.0189, 17.6733
Hunter-Lab	88.4156, 9.7430, -0.6298

Details

The RYB color **252, 220, 240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220, 243, 252**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 165, 184** is the 20% darker color. If you saturate the color by 10%, you get **252, 195, 231**, and if you desaturate by 10%, it is **252, 245, 249**.

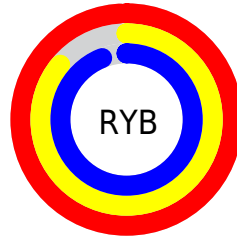
Distribution



Red (99%)

Green (86%)

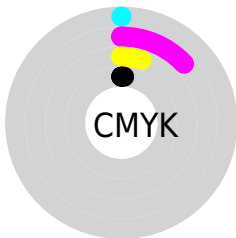
Blue (94%)



Red (99%)

Yellow (86%)

Blue (94%)

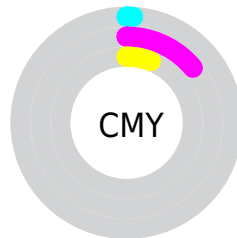


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 220, 240 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, 220, 240 by changing the saturation by 10% instead.

■ 252, 220, 240

255, 255, 255

■ 252, 220, 240

■ 223, 192, 212

■ 195, 165, 184

■ 168, 139, 157

■ 141, 113, 131

■ 116, 88, 106

■ 91, 65, 82


■ 67, 43, 59

■ 44, 22, 37


■ 26, 0, 16

 252, 220, 240


 252, 220, 240


 252, 195, 231

 252, 245, 249

 252, 170, 221

 252, 254, 255

 252, 144, 212

 252, 119, 202

 252, 94, 193

 252, 69, 183

 252, 44, 174

 252, 18, 164

 252, 0, 158

Harmonies

Analogous

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



237, 224, 252



252, 220, 240



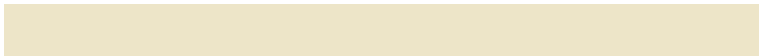
255, 219, 225

Triad

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



252, 220, 240



210, 237, 200



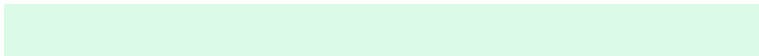
192, 217, 247

Complementary

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



252, 220, 240



220, 243, 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.



193, 217, 238



252, 220, 240



205, 234, 219

Square

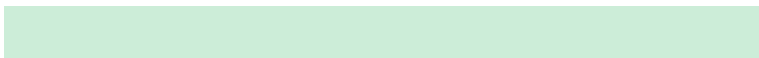
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



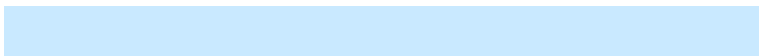
252, 220, 240



251, 242, 202



204, 228, 237



201, 221, 255

Rectangle

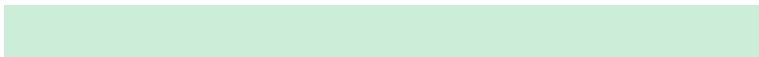
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 220, 240



255, 221, 215



204, 228, 237



191, 215, 242

Sweetspot

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



252, 220, 240



255, 245, 251



232, 220, 252



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

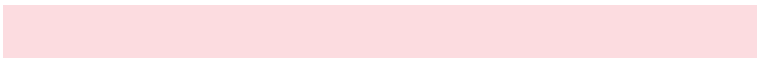
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 220, 240



255, 217, 241



252, 220, 224



125, 112, 120



189, 0, 118



61, 0, 38

Inverse Universe

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



252, 220, 240



255, 217, 241



220, 237, 252



125, 112, 120



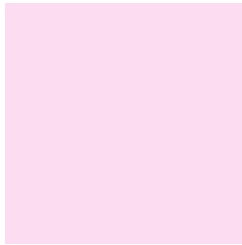
189, 0, 118



61, 0, 38

Previews

White Background



This preview shows how the RYB color 252, 220, 240 looks on a white background.

Color Contrast Check

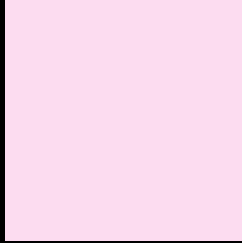
Large Text (above 18pt) WCAG AA × Fail

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, 220, 240 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, 220, 240 Background



This preview shows how black text looks on a background with the RYB color 252, 220, 240.



This preview shows how white text looks on a background with the RYB color 252, 220, 240.

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
252, 220, 240

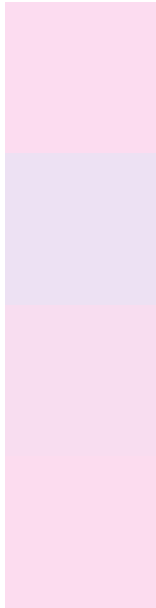
Protanopia
228, 228, 245

Deuteranopia
246, 222, 240



Tritanopia
252, 220, 238

Trichromacy



Original Color

252, 220, 240

Protanomaly

237, 225, 243

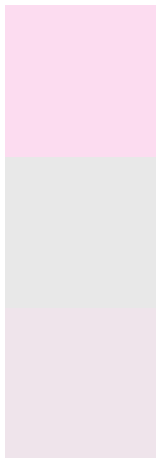
Deuteranomaly

248, 221, 240

Tritanomaly

252, 220, 239

Monochromacy



Original Color

252, 220, 240

Achromatopsia

232, 232, 232

Achromatomaly

239, 228, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 220, 240 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, 220, 240) looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 240)  
}
```

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, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 240) }
```

Border

The CSS property to change the border of an element to RYB 252, 220, 240 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, 220, 240) }
```

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

```
.border{ border-color:rgb(252, 220, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 220, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 220, 240); box-shadow:4px 4px 4px 4px rgb(252, 220, 240) }
```

Background

The CSS property to change the background color of an element to RYB 252, 220, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 240) }
```

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

```
.background{ background-color: rgb(252,  
220, 240) }
```

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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