

Converting Colors

`RYB(202, 202, 241)`

Have a look what the booklet for
RYB(202, 202, 241) contains.

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Color

R_YB(202, 202, 241)

Conversions

Conversions Part 1

Format	Color
Hex	CACAF1
RGB	202, 202, 241
RGB Percent	79%, 79%, 95%
CMY	0.2078, 0.2078, 0.0549
CMYK	0.16, 0.16, 0.00, 0.05
HSL	240°, 58%, 87%
HSV	240°, 16%, 95%
XYZ	61.3548, 61.1485, 91.7882
YIQ	206.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

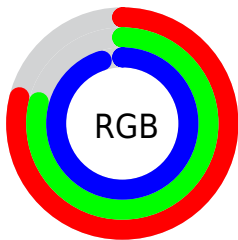
Format	Color
R _Y B	202, 202, 241
Decimal	13290225
CIE Lab	82.46, 7.73, -19.18
CIE LCh	82, 20.676, 291.961
Yxy	61.1485, 0.2863, 0.2854
Android (android.graphics.Color)	4291480305 (0xFFCACA F1)
YUV	206.4460, 17.0351, -3.8991
Hunter-Lab	78.1975, 3.2079, -14.8563

Details

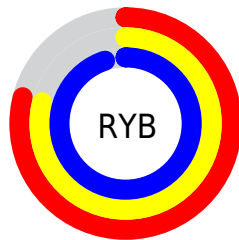
The RYB color **202, 202, 241** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **202, 241, 202**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 148, 185** is the 20% darker color. If you saturate the color by 10%, you get **178, 178, 241**, and if you desaturate by 10%, it is **226, 226, 241**.

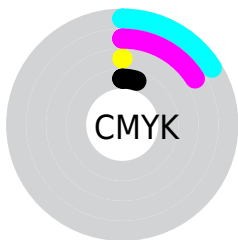
Distribution



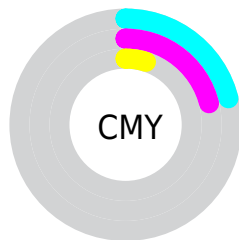
- Red (79%)
- Green (79%)
- Blue (95%)



- Red (79%)
- Yellow (79%)
- Blue (95%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 202, 241 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 202, 202, 241 by changing the saturation by 10% instead.

■ 202, 202, 241

255, 255, 255

■ 202, 202, 241

■ 174, 175, 213

■ 148, 148, 185

■ 122, 122, 158

■ 96, 97, 132

■ 72, 74, 106

■ 49, 51, 82

■ 26, 30, 59

■ 4, 5, 37


■ 0, 1, 14

 202, 202, 241


 202, 202, 241


 178, 178, 241


 226, 226, 241

 154, 154, 241

 241, 250, 241

 130, 130, 241

 241, 255, 241


 106, 106, 241

 82, 82, 241

 57, 57, 241

 33, 33, 241

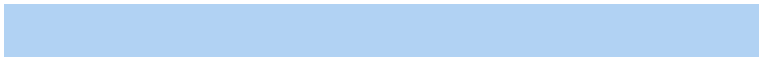
 9, 9, 241

 0, 0, 241

Harmonies

Analogous

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



177, 199, 243



202, 202, 241



225, 196, 229

Triad

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



202, 202, 241



240, 206, 175



163, 195, 216

Complementary

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



202, 202, 241



202, 241, 202

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.



181, 213, 211



202, 202, 241



205, 225, 167

Square

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



202, 202, 241



246, 192, 192



169, 208, 172



153, 185, 219

Rectangle

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



202, 202, 241



237, 193, 218



169, 208, 172



169, 200, 216

Sweetspot

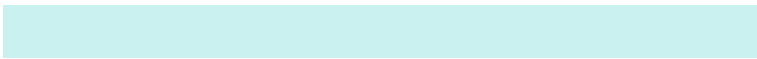
The Sweet Spot groups the original color and five complimentary colors.



202, 202, 241



242, 242, 255



202, 222, 241



120, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 202, 241



207, 207, 255



221, 202, 241



108, 108, 120



0, 0, 184



0, 0, 56

Inverse Universe

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



241, 202, 241



255, 207, 255



202, 241, 222



120, 108, 120



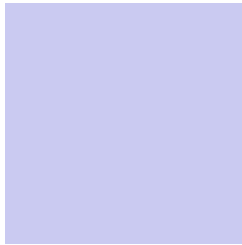
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RYB color 202, 202, 241 looks on a white background.

Color Contrast Check

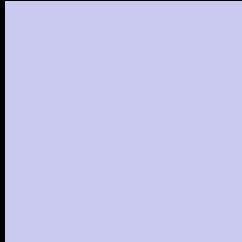
Large Text (above 18pt) WCAG AA × Fail

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 202, 202, 241 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 202, 202, 241 Background



This preview shows how black text looks on a background with the RYB color 202, 202, 241.



This preview shows how white text looks on a background with the RYB color 202, 202, 241.

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
202, 202, 241

Protanopia
197, 202, 242

Deuteranopia
207, 200, 241



Tritanopia
199, 204, 222

Trichromacy



Original Color

202, 202, 241

Protanomaly

199, 203, 242

Deuteranomaly

205, 201, 241

Tritanomaly

200, 204, 229

Monochromacy



Original Color

202, 202, 241

Achromatopsia

206, 206, 206

Achromatomaly

205, 205, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 202, 241 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(202, 202, 241)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 241)  
}
```

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(202, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 241) }
```

Border

The CSS property to change the border of an element to RYB 202, 202, 241 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(202, 202, 241) }
```

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

```
.border{ border-color:rgb(202, 202, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 202, 202, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 241) }
```

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

```
.background{ background-color: rgb(202,  
202, 241) }
```

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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