

Converting Colors

`RYB(203, 188, 242)`

Have a look what the booklet for RYB(203, 188, 242) contains.

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Color

R_YB(203, 188, 242)

Conversions

Conversions Part 1

Format	Color
Hex	CBBCF2
RGB	203, 188, 242
RGB Percent	80%, 74%, 95%
CMY	0.2039, 0.2627, 0.0510
CMYK	0.16, 0.22, 0.00, 0.05
HSL	257°, 67%, 84%
HSV	257°, 22%, 95%
XYZ	58.6388, 55.0738, 91.5441
YIQ	198.6410, -8.3940, 19.9740

Conversions

Conversions Part 2

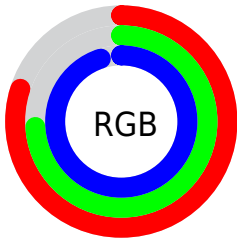
Format	Color
RYB	203, 188, 242
Decimal	13352178
CIELab	79.08, 15.81, -24.83
CIELCh	79, 29.431, 302.483
Yxy	55.0738, 0.2857, 0.2683
Android (android.graphics.Color)	4291542258 (0xFFCBBBCF2)
YUV	198.6410, 21.3760, 3.8228
Hunter-Lab	74.2117, 11.1724, -21.1892

Details

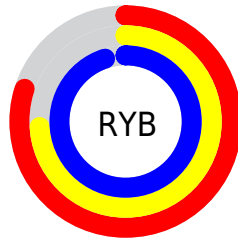
The RYB color **203, 188, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **188, 242, 203**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 244, 255**, and **148, 135, 186** is the 20% darker color. If you saturate the color by 10%, you get **186, 164, 242**, and if you desaturate by 10%, it is **220, 212, 242**.

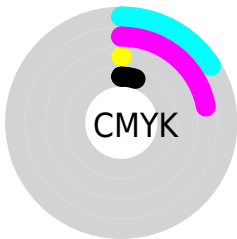
Distribution



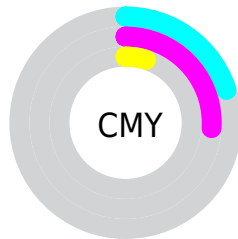
- Red (80%)
- Green (74%)
- Blue (95%)



- Red (80%)
- Yellow (74%)
- Blue (95%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 188, 242 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 203, 188, 242 by changing the saturation by 10% instead.

■ 203, 188, 242

255, 255, 255

■ 255, 244, 255

■ 203, 188, 242

■ 175, 161, 214

■ 148, 135, 186

■ 122, 109, 159

■ 97, 85, 132

■ 72, 62, 107

■ 49, 40, 83

■ 25, 19, 59

■ 2, 0, 38

■ 0, 1, 14

■ 203, 188, 242

■ 203, 188, 242

■ 186, 164, 242

■ 220, 212, 242

■ 168, 140, 242

■ 238, 236, 242

■ 151, 115, 242

■ 242, 255, 242

■ 133, 91, 242

■ 116, 67, 242

■ 98, 43, 242

■ 81, 19, 242

■ 67, 0, 242

Harmonies

Analogous

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



165, 189, 250



203, 188, 242



233, 180, 222

Triad

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



203, 188, 242



237, 214, 148



125, 172, 211

Complementary

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



203, 188, 242



188, 242, 203

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.



152, 195, 209



203, 188, 242



165, 213, 141

Square

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



203, 188, 242



250, 179, 168



149, 203, 168



113, 165, 224

Rectangle

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



203, 188, 242



246, 176, 204



149, 203, 168



133, 179, 211

Sweetspot

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



203, 188, 242



242, 237, 255



188, 211, 242



120, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 188, 242



205, 186, 255



229, 188, 242



111, 108, 120



51, 0, 184



16, 0, 56

Inverse Universe

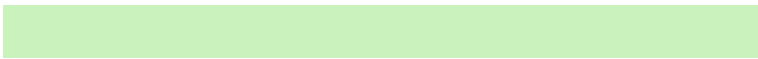
The Inverse Universe completely reimagines the original color for something new.



242, 188, 227



255, 186, 236



188, 242, 229



120, 108, 117



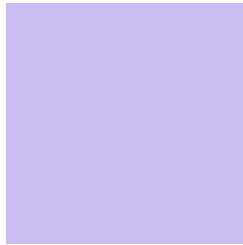
184, 0, 133



56, 0, 41

Previews

White Background



This preview shows how the RYB color 203, 188, 242 looks on a white background.

Color Contrast Check

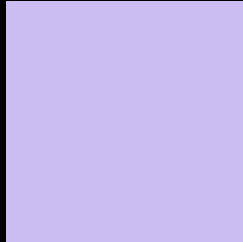
Large Text (above 18pt) WCAG AA × Fail

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 203, 188, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

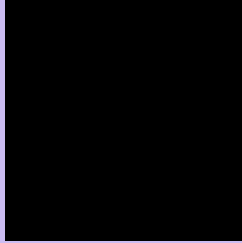
Any Text WCAG AA ✓ Pass

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 203, 188, 242 Background



This preview shows how black text looks on a background with the RYB color 203, 188, 242.

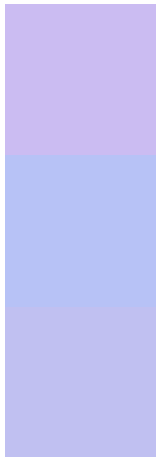


This preview shows how white text looks on a background with the RYB color 203, 188, 242.

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
203, 188, 242

Protanopia
183, 192, 246

Deuteranopia
192, 192, 241



Tritanopia
197, 194, 209

Trichromacy



Original Color
203, 188, 242

Protanomaly
190, 192, 245

Deuteranomaly
196, 191, 241

Tritanomaly
199, 192, 221

Monochromacy



Original Color
203, 188, 242

Achromatopsia
199, 199, 199

Achromatomaly
200, 195, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 188, 242 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(203, 188, 242) looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 242)  
}
```

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(203, 188, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 242) }
```

Border

The CSS property to change the border of an element to RYB 203, 188, 242 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(203, 188, 242) }
```

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

```
.border{ border-color:rgb(203, 188, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 188, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 242);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 203, 188, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 242) }
```

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

```
.background{ background-color: rgb(203,  
188, 242) }
```

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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