

Converting Colors

`RYB(208, 193, 244)`

Have a look what the booklet for RYB(208, 193, 244) contains.

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Color

R_YB(208, 193, 244)

Conversions

Conversions Part 1

Format	Color
Hex	D0C1F4
RGB	208, 193, 244
RGB Percent	82%, 76%, 96%
CMY	0.1843, 0.2431, 0.0431
CMYK	0.15, 0.21, 0.00, 0.04
HSL	258°, 70%, 86%
HSV	258°, 21%, 96%
XYZ	61.4115, 58.0815, 93.5621
YIQ	203.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

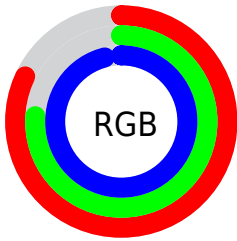
Format	Color
R _{YB}	208, 193, 244
Decimal	13681140
CIE _{Lab}	80.78, 15.08, -23.27
CIE _{LCh}	81, 27.732, 302.947
Yxy	58.0815, 0.2882, 0.2726
Android (android.graphics.Color)	4291871220 (0xFFD0C1F4)
YUV	203.2990, 20.0656, 4.1228
Hunter-Lab	76.2112, 10.4669, -19.4406

Details

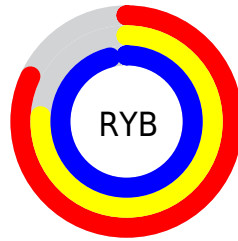
The RYB color **208, 193, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **193, 244, 208**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 249, 255, and **153, 139, 188** is the 20% darker color. If you saturate the color by 10%, you get **191, 169, 244**, and if you desaturate by 10%, it is **225, 217, 244**.

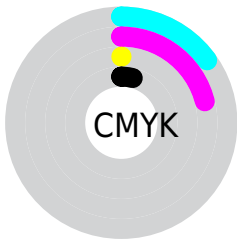
Distribution



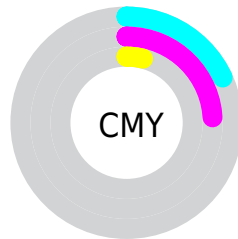
- Red (82%)
- Green (76%)
- Blue (96%)



- Red (82%)
- Yellow (76%)
- Blue (96%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 193, 244 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 208, 193, 244 by changing the saturation by 10% instead.

■ 208, 193, 244

255, 255, 255

■ 255, 249, 255

■ 208, 193, 244

■ 180, 166, 216

■ 153, 139, 188

■ 127, 114, 161

■ 101, 89, 134

■ 77, 66, 109

■ 53, 44, 84

■ 30, 23, 61

■ 12, 0, 39

■ 0, 1, 17

208, 193, 244

208, 193, 244

191, 169, 244

225, 217, 244

174, 144, 244

242, 242, 244

156, 120, 244

244, 255, 244

139, 95, 244

122, 71, 244

105, 47, 244

87, 22, 244

72, 0, 244

Harmonies

Analogous

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



172, 194, 252



208, 193, 244



236, 185, 225

Triad

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



208, 193, 244



240, 217, 155



134, 178, 215

Complementary

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



208, 193, 244



193, 244, 208

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.



159, 200, 213



208, 193, 244



172, 217, 149

Square

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



208, 193, 244



252, 185, 174



157, 207, 175



125, 173, 228

Rectangle

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



208, 193, 244



248, 182, 208



157, 207, 175



142, 185, 215

Sweetspot

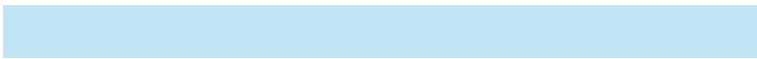
The Sweet Spot groups the original color and five complimentary colors.



208, 193, 244



244, 240, 255



193, 214, 244



121, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 193, 244



210, 191, 255



233, 193, 244



114, 110, 122



55, 0, 186



17, 0, 59

Inverse Universe

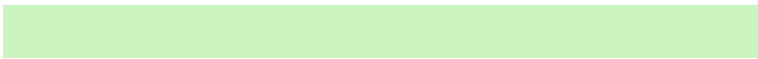
The Inverse Universe completely reimagines the original color for something new.



244, 193, 229



255, 191, 236



193, 244, 233



122, 110, 119



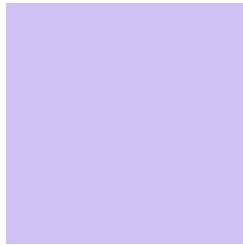
186, 0, 131



59, 0, 41

Previews

White Background



This preview shows how the RYB color 208, 193, 244 looks on a white background.

Color Contrast Check

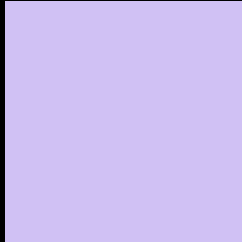
Large Text (above 18pt) WCAG AA × Fail

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 208, 193, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

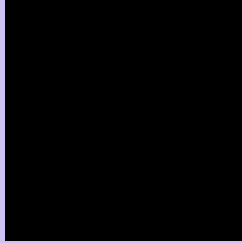
Any Text WCAG AA ✓ Pass

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 208, 193, 244 Background



This preview shows how black text looks on a background with the RYB color 208, 193, 244.

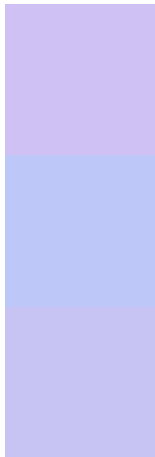


This preview shows how white text looks on a background with the RYB color 208, 193, 244.

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
208, 193, 244

Protanopia
189, 198, 248

Deuteranopia
199, 196, 243



Tritanopia
203, 198, 214

Trichromacy



Original Color
208, 193, 244

Protanomaly
196, 197, 247

Deuteranomaly
202, 195, 243

Tritanomaly
205, 196, 225

Monochromacy



Original Color
208, 193, 244

Achromatopsia
203, 203, 203

Achromatomaly
205, 199, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 193, 244 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(208, 193, 244)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 244)  
}
```

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(208, 193, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 244) }
```

Border

The CSS property to change the border of an element to RYB 208, 193, 244 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(208, 193, 244) }
```

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

```
.border{ border-color:rgb(208, 193, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 244);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 208, 193, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 244) }
```

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

```
.background{ background-color: rgb(208,  
193, 244) }
```

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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