

Converting Colors

`RYB(202, 186, 246)`

Have a look what the booklet for
RYB(202, 186, 246) contains.

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Color

R_YB(202, 186, 246)

Conversions

Conversions Part 1

Format	Color
Hex	CABAF6
RGB	202, 186, 246
RGB Percent	79%, 73%, 96%
CMY	0.2078, 0.2706, 0.0353
CMYK	0.18, 0.24, 0.00, 0.04
HSL	256°, 77%, 85%
HSV	256°, 24%, 96%
XYZ	58.5506, 54.3282, 94.5892
YIQ	197.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

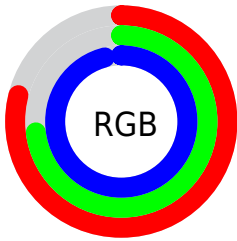
Format	Color
R _{YB}	202, 186, 246
Decimal	13286134
CIE _{Lab}	78.65, 17.45, -27.64
CIE _{LCh}	79, 32.688, 302.266
Yxy	54.3282, 0.2822, 0.2619
Android (android.graphics.Color)	4291476214 (0xFFCABAF6)
YUV	197.6240, 23.8494, 3.8378
Hunter-Lab	73.7077, 12.8053, -24.4916

Details

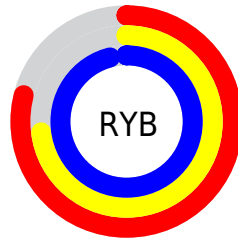
The RYB color **202, 186, 246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **186, 246, 202**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 242, 255**, and **147, 133, 190** is the 20% darker color. If you saturate the color by 10%, you get **184, 161, 246**, and if you desaturate by 10%, it is **220, 211, 246**.

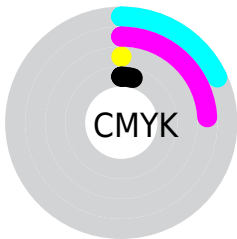
Distribution



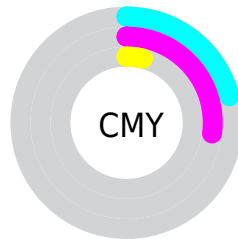
- Red (79%)
- Green (73%)
- Blue (96%)



- Red (79%)
- Yellow (73%)
- Blue (96%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)




- Cyan (21%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 186, 246 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, 186, 246 by changing the saturation by 10% instead.


 202, 186, 246


255, 255, 255

 255, 242, 255


 202, 186, 246

 174, 159, 217


 147, 133, 190

 121, 108, 162

 95, 83, 136

 71, 60, 110

 47, 38, 86

 23, 18, 62

 0, 0, 40

 0, 1, 18

■ 202, 186, 246

■ 202, 186, 246

■ 184, 161, 246

■ 220, 211, 246

■ 166, 137, 246

■ 238, 235, 246

■ 148, 112, 246

■ 246, 255, 246

■ 130, 88, 246

■ 112, 63, 246

■ 94, 38, 246

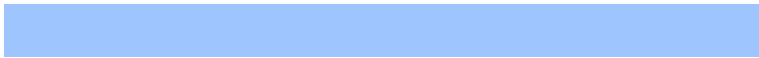
■ 76, 14, 246

■ 66, 0, 246

Harmonies

Analogous

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



159, 186, 255



202, 186, 246



235, 176, 223

Triad

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



202, 186, 246



240, 212, 142



113, 166, 211

Complementary

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



202, 186, 246



186, 246, 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.



146, 194, 209



202, 186, 246



162, 214, 134

Square

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



202, 186, 246



254, 177, 164



143, 203, 165



97, 157, 226

Rectangle

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



202, 186, 246



249, 173, 204



143, 203, 165



123, 175, 211

Sweetspot

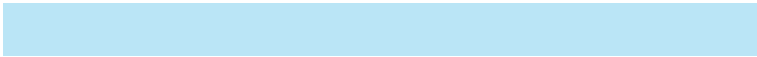
The Sweet Spot groups the original color and five complimentary colors.



202, 186, 246



242, 237, 255



186, 211, 246



120, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 186, 246



201, 181, 255



232, 186, 246



113, 110, 122



50, 0, 186



16, 0, 59

Inverse Universe

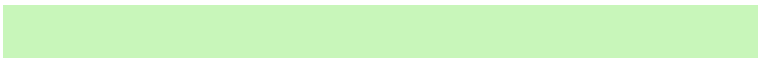
The Inverse Universe completely reimagines the original color for something new.



246, 186, 230



255, 181, 235



186, 246, 232



122, 110, 119



186, 0, 137



59, 0, 43

Previews

White Background



This preview shows how the RYB color 202, 186, 246 looks on a white background.

Color Contrast Check

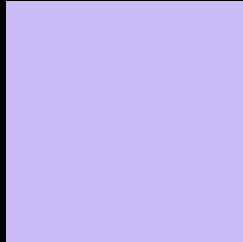
Large Text (above 18pt) WCAG AA × Fail

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, 186, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

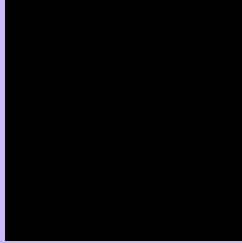
Any Text WCAG AA ✓ Pass

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, 186, 246 Background



This preview shows how black text looks on a background with the RYB color 202, 186, 246.

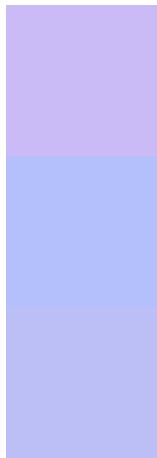


This preview shows how white text looks on a background with the RYB color 202, 186, 246.

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, 186, 246

Protanopia
180, 190, 251

Deuteranopia
187, 191, 245



Tritanopia
195, 193, 208

Trichromacy



Original Color
202, 186, 246

Protanomaly
188, 190, 249

Deuteranomaly
192, 189, 245

Tritanomaly
198, 190, 222

Monochromacy



Original Color
202, 186, 246

Achromatopsia
198, 198, 198

Achromatomaly
199, 194, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 186, 246 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, 186, 246)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 246)  
}
```

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, 186, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 246) }
```

Border

The CSS property to change the border of an element to RYB 202, 186, 246 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, 186, 246) }
```

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

```
.border{ border-color:rgb(202, 186, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 186, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 186, 246); box-shadow:4px 4px 4px 4px rgb(202, 186, 246) }
```

Background

The CSS property to change the background color of an element to RYB 202, 186, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 246) }
```

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

```
.background{ background-color: rgb(202,  
186, 246) }
```

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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