

Converting Colors

`RYB(226, 195, 229)`

Have a look what the booklet for RYB(226, 195, 229) contains.

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Color

R_YB(226, 195, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E2C3E5
RGB	226, 195, 229
RGB Percent	89%, 76%, 90%
CMY	0.1137, 0.2353, 0.1020
CMYK	0.01, 0.15, 0.00, 0.10
HSL	295°, 40%, 83%
HSV	295°, 15%, 90%
XYZ	65.0220, 60.8561, 82.4481
YIQ	208.1450, 7.5620, 17.1460

Conversions

Conversions Part 2

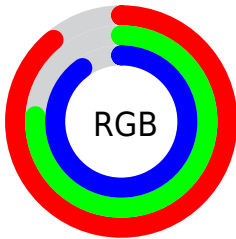
Format	Color
R _Y B	226, 195, 229
Decimal	14861285
CIE _{Lab}	82.30, 16.85, -12.81
CIE _{LCh}	82, 21.168, 322.766
Yxy	60.8561, 0.3121, 0.2921
Android (android.graphics.Color)	4293051365 (0xFFE2C3E5)
YUV	208.1450, 10.2815, 15.6588
Hunter-Lab	78.0103, 12.2626, -8.0556

Details

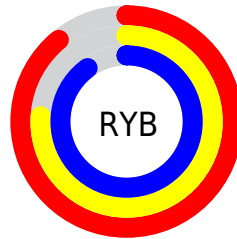
The RYB color **226, 195, 229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 229, 226**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 252, 255, and **170, 141, 174** is the 20% darker color. If you saturate the color by 10%, you get **224, 172, 229**, and if you desaturate by 10%, it is **228, 218, 229**.

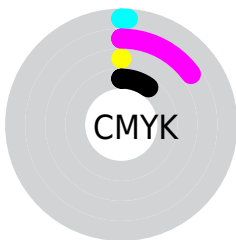
Distribution



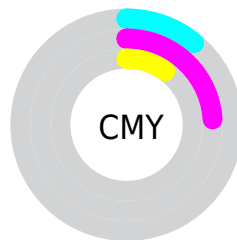
- Red (89%)
- Green (76%)
- Blue (90%)



- Red (89%)
- Yellow (76%)
- Blue (90%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 195, 229 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 226, 195, 229 by changing the saturation by 10% instead.


 226, 195, 229

255, 255, 255

 255, 252, 255

 226, 195, 229

 198, 168, 201

 170, 141, 174

 144, 116, 147

 118, 91, 121

 93, 67, 96

 69, 45, 73

 46, 23, 50

 28, 0, 29

 0, 0, 0

226, 195, 229

226, 195, 229

224, 172, 229

228, 218, 229

222, 149, 229

229, 241, 240

220, 126, 229

229, 255, 252

218, 103, 229

229, 255, 250

216, 80, 229

229, 255, 248

214, 58, 229

229, 255, 246

212, 35, 229

229, 255, 244

210, 12, 229

229, 255, 242

209, 0, 229

229, 255, 240

Harmonies

Analogous

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



202, 201, 241



226, 195, 229



242, 191, 210

Triad

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



226, 195, 229



204, 225, 166



151, 184, 219

Complementary

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



226, 195, 229



195, 229, 226

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.



161, 194, 216



226, 195, 229



168, 208, 172

Square

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



226, 195, 229



240, 205, 174



180, 213, 212



157, 190, 236

Rectangle

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



226, 195, 229



246, 191, 197



180, 213, 212



153, 185, 216

Sweetspot

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



226, 195, 229



254, 245, 255



195, 198, 229



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 195, 229



251, 209, 255



229, 195, 215



114, 103, 115



163, 0, 179



47, 0, 51

Inverse Universe

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



229, 195, 198



255, 209, 213



195, 219, 229



115, 103, 104



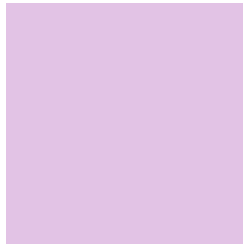
179, 0, 16



51, 0, 4

Previews

White Background



This preview shows how the RYB color 226, 195, 229 looks on a white background.

Color Contrast Check

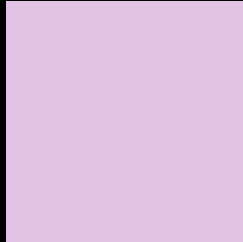
Large Text (above 18pt) WCAG AA × Fail

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 226, 195, 229 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 226, 195, 229 Background



This preview shows how black text looks on a background with the RYB color 226, 195, 229.

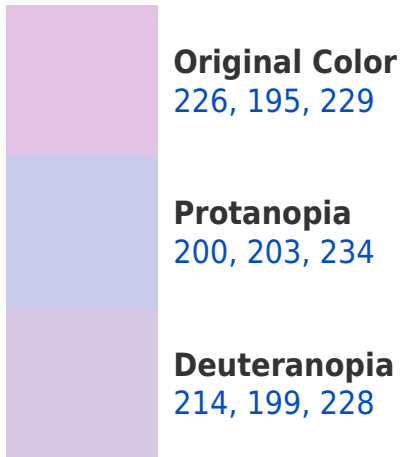



This preview shows how white text looks on a background with the RYB color 226, 195, 229.

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





Tritanopia
224, 198, 213

Trichromacy



Original Color
226, 195, 229

Protanomaly
209, 200, 232

Deuteranomaly
218, 198, 228

Tritanomaly
225, 197, 219

Monochromacy



Original Color
226, 195, 229

Achromatopsia
208, 208, 208

Achromatomaly
215, 203, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 195, 229 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(226, 195, 229) looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 229)  
}
```

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(226, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 229) }
```

Border

The CSS property to change the border of an element to RYB 226, 195, 229 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(226, 195, 229) }
```

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

```
.border{ border-color:rgb(226, 195, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 195, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 195, 229); box-shadow:4px 4px 4px 4px rgb(226, 195, 229) }
```

Background

The CSS property to change the background color of an element to RYB 226, 195, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 229) }
```

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

```
.background{ background-color: rgb(226,  
195, 229) }
```

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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