

Converting Colors

`RYB(222, 194, 227)`

Have a look what the booklet for RYB(222, 194, 227) contains.

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Color

R_YB(222, 194, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DEC2E3
RGB	222, 194, 227
RGB Percent	87%, 76%, 89%
CMY	0.1294, 0.2392, 0.1098
CMYK	0.02, 0.15, 0.00, 0.11
HSL	291°, 37%, 83%
HSV	291°, 15%, 89%
XYZ	63.2811, 59.6592, 80.8532
YIQ	206.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

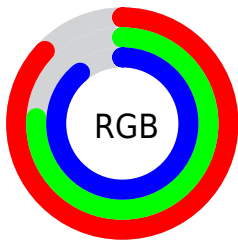
Format	Color
RYB	222, 194, 227
Decimal	14598883
CIELab	81.65, 15.68, -12.74
CIElCh	82, 20.207, 320.902
Yxy	59.6592, 0.3105, 0.2927
Android (android.graphics.Color)	4292788963 (0xFFDEC2E3)
YUV	206.1340, 10.2869, 13.9145
Hunter-Lab	77.2394, 11.0736, -7.9964

Details

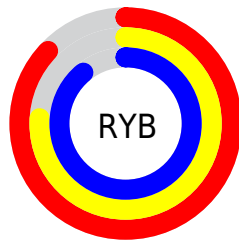
The RYB color **222, 194, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **194, 227, 222**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 251, 255, and **167, 140, 172** is the 20% darker color. If you saturate the color by 10%, you get **219, 171, 227**, and if you desaturate by 10%, it is **225, 217, 227**.

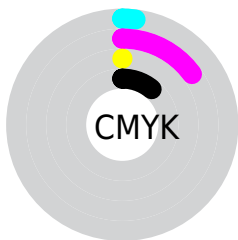
Distribution



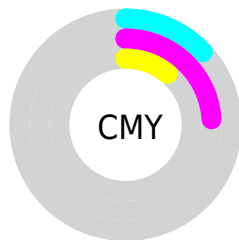
- Red (87%)
- Green (76%)
- Blue (89%)



- Red (87%)
- Yellow (76%)
- Blue (89%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)





- Cyan (13%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 222, 194, 227 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 222, 194, 227 by changing the saturation by 10% instead.


 222, 194, 227


 222, 194, 227


255, 255, 255

 194, 167, 199

 255, 251, 255

 167, 140, 172

 140, 115, 145

 115, 90, 119

 90, 66, 95


 66, 44, 71

 43, 23, 48

 25, 0, 28

 0, 0, 0

 222, 194, 227


 222, 194, 227

 219, 171, 227


 225, 217, 227

 215, 149, 227

 227, 239, 237

 212, 126, 227


 227, 255, 250

 208, 103, 227


 227, 255, 246

 205, 81, 227


 227, 255, 243

 201, 58, 227

 227, 255, 239

 198, 35, 227

 227, 255, 236

 194, 12, 227

 227, 255, 232

 193, 0, 227

 227, 255, 229

Harmonies

Analogous

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



199, 200, 238



222, 194, 227



238, 190, 210

Triad

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



222, 194, 227



205, 223, 166



153, 184, 216

Complementary

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



222, 194, 227



194, 227, 222

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.



163, 194, 214



222, 194, 227



167, 206, 169

Square

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



222, 194, 227



238, 203, 174



179, 211, 208



157, 188, 232

Rectangle

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



222, 194, 227



242, 190, 197



179, 211, 208



155, 186, 214

Sweetspot

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



222, 194, 227



253, 245, 255



194, 199, 227



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 194, 227



248, 212, 255



227, 194, 216



113, 103, 115



151, 0, 179



43, 0, 51

Inverse Universe

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



227, 194, 199



255, 212, 218



194, 219, 227



115, 103, 105



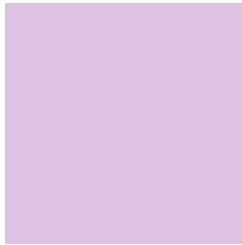
179, 0, 27



51, 0, 8

Previews

White Background



This preview shows how the RYB color 222, 194, 227 looks on a white background.

Color Contrast Check

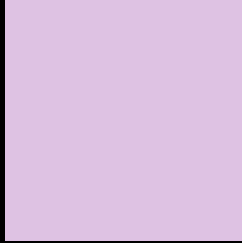
Large Text (above 18pt) WCAG AA × Fail

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 222, 194, 227 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 222, 194, 227 Background



This preview shows how black text looks on a background with the RYB color 222, 194, 227.



This preview shows how white text looks on a background with the RYB color 222, 194, 227.

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
[222, 194, 227](#)

Protanopia
[198, 202, 232](#)

Deuteranopia
[212, 198, 226](#)



Tritanopia
220, 197, 212

Trichromacy



Original Color

222, 194, 227

Protanomaly

207, 199, 230

Deuteranomaly

216, 197, 226

Tritanomaly

221, 196, 217

Monochromacy



Original Color

222, 194, 227

Achromatopsia

206, 206, 206

Achromatomaly

212, 202, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 194, 227 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(222, 194, 227) looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 227)  
}
```

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(222, 194, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 227) }
```

Border

The CSS property to change the border of an element to RYB 222, 194, 227 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(222, 194, 227) }
```

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

```
.border{ border-color:rgb(222, 194, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 194, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 194, 227); box-shadow:4px 4px 4px 4px rgb(222, 194, 227) }
```

Background

The CSS property to change the background color of an element to RYB 222, 194, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 227) }
```

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

```
.background{ background-color: rgb(222,  
194, 227) }
```

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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