

Converting Colors

`RYB(194, 155, 181)`

Have a look what the booklet for RYB(194, 155, 181) contains.

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Color

R_YB(194, 155, 181)

Conversions

Conversions Part 1

Format	Color
Hex	C29BB5
RGB	194, 155, 181
RGB Percent	76%, 61%, 71%
CMY	0.2392, 0.3922, 0.2902
CMYK	0.00, 0.20, 0.07, 0.24
HSL	320°, 24%, 68%
HSV	320°, 20%, 76%
XYZ	42.3100, 38.2482, 48.8687
YIQ	169.6250, 14.8980, 16.3540

Conversions

Conversions Part 2

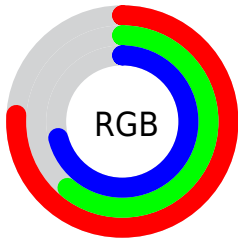
Format	Color
RYB	194, 155, 181
Decimal	12753845
CIELab	68.20, 18.83, -7.95
CIELCh	68, 20.437, 337.109
Yxy	38.2482, 0.3269, 0.2955
Android (android.graphics.Color)	4290943925 (0xFFC29BB5)
YUV	169.6250, 5.6079, 21.3769
Hunter-Lab	61.8451, 13.8878, -3.5581

Details

The RYB color **194, 155, 181** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 184, 194**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **251, 210, 237**, and **140, 104, 128** is the 20% darker color. If you saturate the color by 10%, you get **194, 136, 175**, and if you desaturate by 10%, it is **194, 174, 187**.

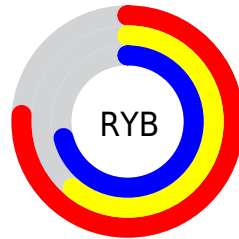
Distribution



Red (76%)

Green (61%)

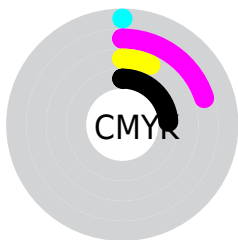
Blue (71%)



Red (76%)

Yellow (61%)

Blue (71%)

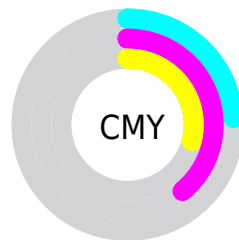


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (24%)



Cyan (24%)


Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 155, 181 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 194, 155, 181 by changing the saturation by 10% instead.


 194, 155, 181

255, 255, 255

 251, 210, 237


 255, 238, 255

 194, 155, 181

 167, 129, 154

 140, 104, 128

 114, 79, 103


 89, 56, 79

 65, 34, 56


 43, 13, 35

 20, 0, 12


 0, 0, 0

 194, 155, 181

 194, 155, 181

 194, 136, 175


 194, 174, 187

 194, 116, 168

 194, 194, 194

 194, 97, 162

 194, 208, 213

 194, 77, 155


 194, 223, 233

 194, 58, 149

 194, 238, 252

 194, 39, 142

 194, 237, 255

 194, 19, 136

 194, 234, 255

 194, 0, 129

 194, 231, 255

 194, 229, 255

Harmonies

Analogous

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



175, 160, 196



194, 155, 181



204, 153, 162

Triad

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



194, 155, 181



143, 176, 130



116, 149, 188

Complementary

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



194, 155, 181



155, 184, 194

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.



119, 150, 177



194, 155, 181



137, 172, 154

Square

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



194, 155, 181



193, 182, 133



135, 164, 176



128, 155, 200

Rectangle

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



194, 155, 181



204, 154, 150



135, 164, 176



115, 147, 182

Sweetspot

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



194, 155, 181



252, 237, 247



168, 155, 194



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



194, 155, 181



252, 192, 232



194, 155, 162



97, 87, 94



161, 0, 107



33, 0, 22

Inverse Universe

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



194, 155, 181



252, 192, 232



155, 176, 194



97, 87, 94



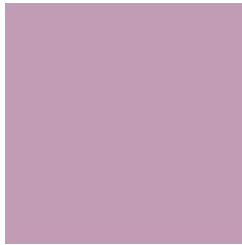
161, 0, 107



33, 0, 22

Previews

White Background



This preview shows how the RYB color 194, 155, 181 looks on a white background.

Color Contrast Check

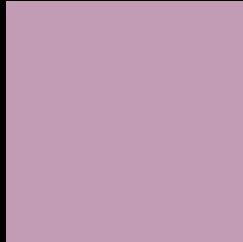
Large Text (above 18pt) WCAG AA × Fail

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 194, 155, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

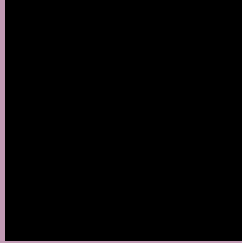
Any Text WCAG AA ✓ Pass

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 194, 155, 181 Background



This preview shows how black text looks on a background with the RYB color 194, 155, 181.

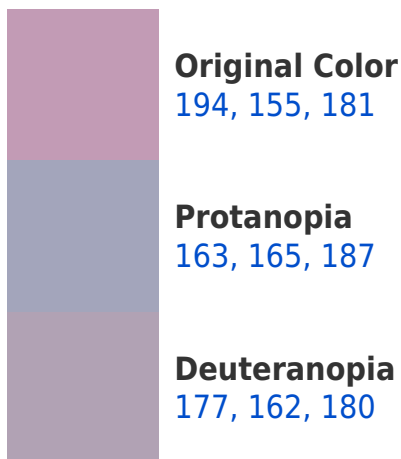


This preview shows how white text looks on a background with the RYB color 194, 155, 181.

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
192, 157, 169

Trichromacy



Original Color
194, 155, 181

Protanomaly
174, 161, 185

Deuteranomaly
183, 159, 180

Tritanomaly
193, 156, 173

Monochromacy



Original Color
194, 155, 181

Achromatopsia
170, 170, 170

Achromatomaly
179, 165, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 155, 181 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(194, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 155, 181)  
}
```

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(194, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 155, 181) }
```

Border

The CSS property to change the border of an element to RYB 194, 155, 181 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(194, 155, 181) }
```

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

```
.border{ border-color:rgb(194, 155, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 155, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(194, 155,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 194, 155, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 155, 181) }
```

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

```
.background{ background-color: rgb(194,  
155, 181) }
```

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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