

Converting Colors

`RYB(198, 155, 190)`

Have a look what the booklet for
RYB(198, 155, 190) contains.

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Color

R_YB(198, 155, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C69BBE
RGB	198, 155, 190
RGB Percent	78%, 61%, 75%
CMY	0.2235, 0.3922, 0.2549
CMYK	0.00, 0.22, 0.04, 0.22
HSL	311°, 27%, 69%
HSV	311°, 22%, 78%
XYZ	44.3043, 39.1662, 53.9399
YIQ	171.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

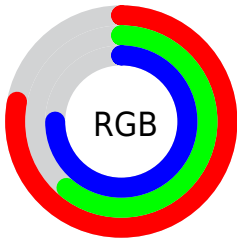
Format	Color
RYB	198, 155, 190
Decimal	13015998
CIELab	68.87, 21.85, -11.92
CIELCh	69, 24.894, 331.388
Yxy	39.1662, 0.3224, 0.2850
Android (android.graphics.Color)	4291206078 (0xFFC69BBE)
YUV	171.8470, 8.9494, 22.9362
Hunter-Lab	62.5829, 16.8455, -7.2938

Details

The RYB color **198, 155, 190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 191, 198**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 210, 246**, and **144, 103, 137** is the 20% darker color. If you saturate the color by 10%, you get **198, 135, 186**, and if you desaturate by 10%, it is **198, 175, 194**.

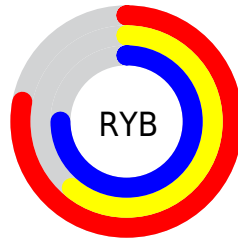
Distribution



Red (78%)

Green (61%)

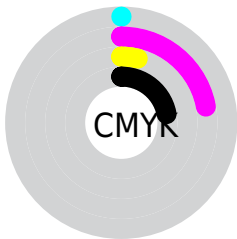
Blue (75%)



Red (78%)

Yellow (61%)

Blue (75%)

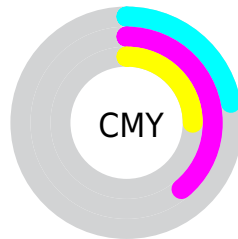


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 155, 190 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 198, 155, 190 by changing the saturation by 10% instead.


 198, 155, 190


255, 255, 255

 255, 210, 246

 255, 238, 255

 198, 155, 190

 170, 129, 163

 144, 103, 137

 118, 79, 111


 93, 56, 87


 68, 33, 63

 45, 12, 41

 25, 0, 21

 0, 0, 0

 198, 155, 190


 198, 155, 190

 198, 135, 186


 198, 175, 194

 198, 115, 183


 198, 195, 197

 198, 96, 179

 198, 211, 214

 198, 76, 175


 198, 228, 234

 198, 56, 172

 198, 246, 254

 198, 36, 168

 198, 244, 255

 198, 16, 164

 198, 241, 255

 198, 0, 161

 198, 240, 255

 198, 238, 255

Harmonies

Analogous

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



173, 162, 206



198, 155, 190



212, 152, 168

Triad

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



198, 155, 190



147, 184, 123



102, 144, 191

Complementary

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



198, 155, 190



155, 191, 198

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.



111, 150, 181



198, 155, 190



129, 174, 144

Square

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



198, 155, 190



203, 179, 129



133, 169, 179



114, 151, 207

Rectangle

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



198, 155, 190



214, 152, 153



133, 169, 179



103, 143, 184

Sweetspot

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



198, 155, 190



255, 237, 252



163, 155, 198



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



198, 155, 190



255, 189, 243



198, 155, 169



99, 90, 98



163, 0, 133



36, 0, 29

Inverse Universe

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



198, 155, 190



255, 189, 243



155, 181, 198



99, 90, 98



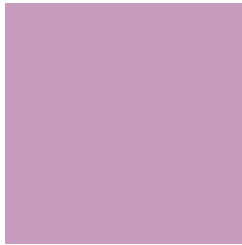
163, 0, 133



36, 0, 29

Previews

White Background



This preview shows how the RYB color 198, 155, 190 looks on a white background.

Color Contrast Check

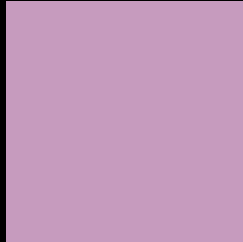
Large Text (above 18pt) WCAG AA × Fail

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 198, 155, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

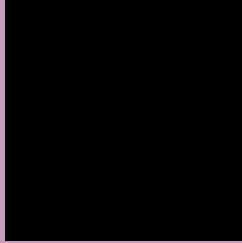
Any Text WCAG AA ✓ Pass

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 198, 155, 190 Background



This preview shows how black text looks on a background with the RYB color 198, 155, 190.




This preview shows how white text looks on a background with the RYB color 198, 155, 190.

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
195, 158, 171

Trichromacy



Original Color
198, 155, 190

Protanomaly
175, 163, 195

Deuteranomaly
183, 161, 189

Tritanomaly
196, 157, 178

Monochromacy



Original Color
198, 155, 190

Achromatopsia
172, 172, 172

Achromatomaly
181, 166, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 155, 190 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(198, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 155, 190)  
}
```

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(198, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 155, 190) }
```

Border

The CSS property to change the border of an element to RYB 198, 155, 190 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(198, 155, 190) }
```

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

```
.border{ border-color:rgb(198, 155, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 155, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 155,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 198, 155, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 155, 190) }
```

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

```
.background{ background-color: rgb(198,  
155, 190) }
```

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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