

Converting Colors

`RYB(196, 162, 195)`

Have a look what the booklet for
RYB(196, 162, 195) contains.

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Color

R_YB(196, 162, 195)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2C3
RGB	196, 162, 195
RGB Percent	77%, 64%, 76%
CMY	0.2314, 0.3647, 0.2353
CMYK	0.00, 0.17, 0.01, 0.23
HSL	302°, 22%, 70%
HSV	302°, 17%, 77%
XYZ	45.5356, 41.5166, 57.2433
YIQ	175.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

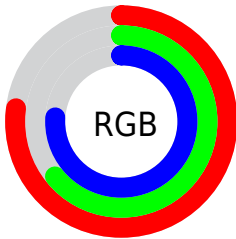
Format	Color
R _Y B	196, 162, 195
Decimal	12886723
CIE Lab	70.54, 18.24, -12.22
CIE LCh	71, 21.951, 326.181
Yxy	41.5166, 0.3156, 0.2877
Android (android.graphics.Color)	4291076803 (0xFFC4A2C3)
YUV	175.9280, 9.4025, 17.6031
Hunter-Lab	64.4333, 13.3892, -7.5705

Details

The RYB color **196, 162, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 195, 196**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **253, 217, 252**, and **142, 110, 141** is the 20% darker color. If you saturate the color by 10%, you get **196, 142, 194**, and if you desaturate by 10%, it is **196, 182, 196**.

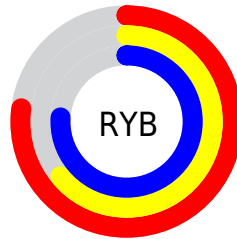
Distribution



Red (77%)

Green (64%)

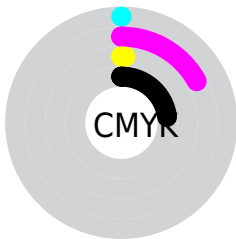
Blue (76%)



Red (77%)

Yellow (64%)

Blue (76%)

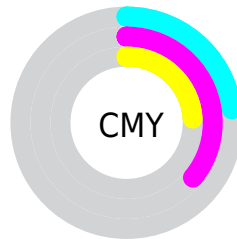


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 162, 195 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 196, 162, 195 by changing the saturation by 10% instead.


 196, 162, 195

255, 255, 255

 253, 217, 252


 255, 246, 255

 196, 162, 195

 169, 136, 168

 142, 110, 141

 116, 86, 116

 91, 62, 91

 67, 40, 68

 45, 19, 45

 27, 0, 25


 0, 0, 0

 196, 162, 195

 196, 162, 195

 196, 142, 194

 196, 182, 196

 196, 123, 194


 196, 201, 201

 196, 103, 193

 196, 220, 221

 196, 84, 193


 196, 239, 240

 196, 64, 192

 196, 253, 255

 196, 44, 192

 196, 252, 255

 196, 25, 191

 196, 251, 255

 196, 5, 190

 196, 0, 190

Harmonies

Analogous

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



173, 168, 208



196, 162, 195



210, 159, 176

Triad

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



196, 162, 195



164, 190, 133



117, 152, 189

Complementary

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



196, 162, 195



162, 195, 196

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.



126, 159, 184



196, 162, 195



136, 177, 144

Square

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



196, 162, 195



206, 178, 140



146, 177, 181



124, 157, 205

Rectangle

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



196, 162, 195



214, 159, 162



146, 177, 181



118, 151, 184

Sweetspot

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



196, 162, 195



255, 242, 255



163, 162, 196



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



196, 162, 195



255, 201, 253



196, 162, 178



97, 87, 97



161, 0, 156



33, 0, 32

Inverse Universe

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



196, 162, 195



255, 201, 253



162, 184, 196



97, 87, 97



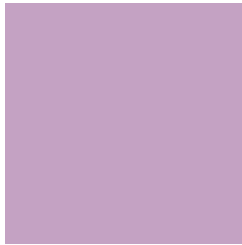
161, 0, 156



33, 0, 32

Previews

White Background



This preview shows how the RYB color 196, 162, 195 looks on a white background.

Color Contrast Check

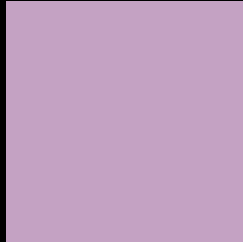
Large Text (above 18pt) WCAG AA × Fail

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 196, 162, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

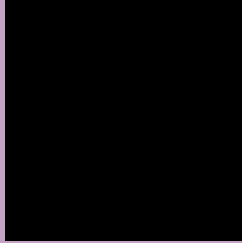
Any Text WCAG AA ✓ Pass

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 196, 162, 195 Background



This preview shows how black text looks on a background with the RYB color 196, 162, 195.



This preview shows how white text looks on a background with the RYB color 196, 162, 195.

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
196, 162, 195

Protanopia
167, 171, 201

Deuteranopia
180, 168, 194



Tritanopia

194, 165, 178

Trichromacy



Original Color
196, 162, 195

Protanomaly
178, 168, 199

Deuteranomaly
186, 166, 194

Tritanomaly
195, 164, 184

Monochromacy



Original Color
196, 162, 195

Achromatopsia
176, 176, 176

Achromatomaly
183, 171, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 162, 195 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(196, 162, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 195)  
}
```

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(196, 162, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 195) }
```

Border

The CSS property to change the border of an element to RYB 196, 162, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

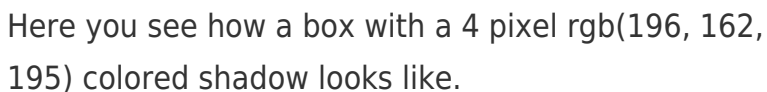
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 162, 195) }
```

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

```
.border{ border-color:rgb(196, 162, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 162, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 162, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 162, 195); box-shadow:4px 4px 4px 4px rgb(196, 162, 195) }
```

Background

The CSS property to change the background color of an element to RYB 196, 162, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 195) }
```

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

```
.background{ background-color: rgb(196,  
162, 195) }
```

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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