

Converting Colors

`RYB(193, 132, 161)`

Have a look what the booklet for
RYB(193, 132, 161) contains.

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Color

R_YB(193, 132, 161)

Conversions

Conversions Part 1

Format	Color
Hex	C184A1
RGB	193, 132, 161
RGB Percent	76%, 52%, 63%
CMY	0.2431, 0.4824, 0.3686
CMYK	0.00, 0.32, 0.17, 0.24
HSL	331°, 33%, 64%
HSV	331°, 32%, 76%
XYZ	36.6766, 30.4132, 37.6555
YIQ	153.5450, 27.0470, 21.9510

Conversions

Conversions Part 2

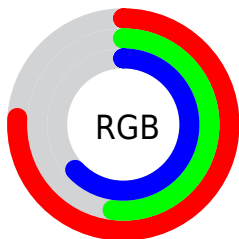
Format	Color
RYB	193, 132, 161
Decimal	12682401
CIELab	62.01, 27.77, -5.89
CIElCh	62, 28.387, 348.033
Yxy	30.4132, 0.3502, 0.2904
Android (android.graphics.Color)	4290872481 (0xFFC184A1)
YUV	153.5450, 3.6753, 34.6020
Hunter-Lab	55.1482, 22.2032, -1.8798

Details

The RYB color **193, 132, 161** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 172, 193**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **250, 186, 216**, and **138, 82, 110** is the 20% darker color. If you saturate the color by 10%, you get **193, 113, 151**, and if you desaturate by 10%, it is **193, 151, 171**.

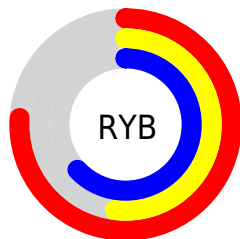
Distribution



Red (76%)

Green (52%)

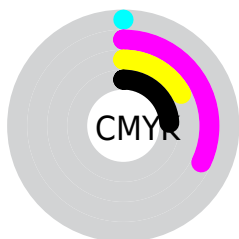
Blue (63%)



Red (76%)

Yellow (52%)

Blue (63%)

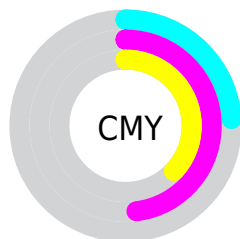


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 132, 161 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 193, 132, 161 by changing the saturation by 10% instead.

 193, 132, 161


255, 255, 255

 250, 186, 216

 255, 214, 244

 255, 242, 255

 193, 132, 161


 165, 106, 135

 138, 82, 110

 112, 58, 85

 87, 34, 62

 62, 10, 40

 41, 0, 20


 0, 0, 0

 193, 132, 161


 193, 113, 151


 193, 132, 161


 193, 151, 171

 193, 93, 141


 193, 171, 181

 193, 74, 131


 193, 190, 191

 193, 55, 121

 193, 204, 209

 193, 36, 110

 193, 217, 229

 193, 16, 100

 193, 229, 248

 193, 0, 92

 193, 231, 255

 193, 228, 255

 193, 225, 255

Harmonies

Analogous

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



172, 138, 184



193, 132, 161



200, 131, 135

Triad

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



193, 132, 161



102, 153, 103



71, 121, 186

Complementary

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



193, 132, 161



132, 172, 193

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.



70, 117, 164



193, 132, 161



115, 159, 151

Square

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



193, 132, 161



154, 176, 101



94, 136, 163



101, 136, 198

Rectangle

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



193, 132, 161



197, 137, 120



94, 136, 163



67, 119, 180

Sweetspot

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



193, 132, 161



250, 227, 238



164, 132, 193



125, 111, 118



252, 252, 252



125, 125, 125

Same Dimension

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



193, 132, 161



250, 155, 200



193, 133, 132



97, 87, 92



161, 0, 76



33, 0, 16

Inverse Universe

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



193, 132, 161



250, 155, 200



132, 162, 193



97, 87, 92



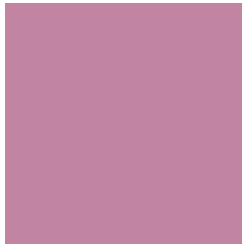
161, 0, 76



33, 0, 16

Previews

White Background



This preview shows how the RYB color 193, 132, 161 looks on a white background.

Color Contrast Check

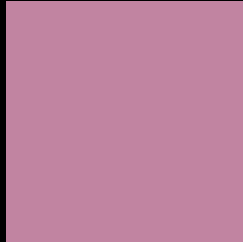
Large Text (above 18pt) WCAG AA × Fail

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 193, 132, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

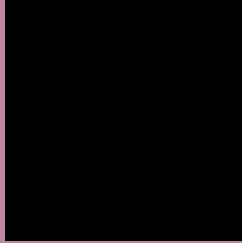
Any Text WCAG AA ✓ Pass

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 193, 132, 161 Background



This preview shows how black text looks on a background with the RYB color 193, 132, 161.



This preview shows how white text looks on a background with the RYB color 193, 132, 161.

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
193, 132, 161

Protanopia
146, 149, 172

Deuteranopia
161, 146, 158



Tritanopia
191, 135, 145

Trichromacy



Original Color
193, 132, 161

Protanomaly
163, 143, 168

Deuteranomaly
173, 141, 159

Tritanomaly
192, 134, 151

Monochromacy



Original Color
193, 132, 161

Achromatopsia
154, 154, 154

Achromatomaly
168, 146, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 132, 161 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(193, 132, 161)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 161)  
}
```

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(193, 132, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 161) }
```

Border

The CSS property to change the border of an element to RYB 193, 132, 161 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(193, 132, 161) }
```

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

```
.border{ border-color:rgb(193, 132, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 161);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 193, 132, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 161) }
```

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

```
.background{ background-color: rgb(193,  
132, 161) }
```

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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