

Converting Colors

`RYB(193, 32, 130)`

Have a look what the booklet for
RYB(193, 32, 130) contains.

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Color

R_YB(193, 32, 130)

Conversions

Conversions Part 1

Format	Color
Hex	C12082
RGB	193, 32, 130
RGB Percent	76%, 13%, 51%
CMY	0.2431, 0.8745, 0.4902
CMYK	0.00, 0.83, 0.33, 0.24
HSL	323°, 72%, 44%
HSV	323°, 83%, 76%
XYZ	26.5381, 13.9822, 22.4192
YIQ	91.3110, 64.4980, 64.6100

Conversions

Conversions Part 2

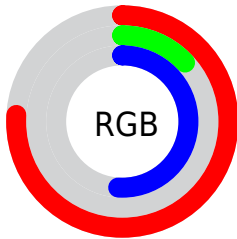
Format	Color
R_{YB}	193, 32, 130
Decimal	12656770
CIE _{Lab}	44.21, 67.28, -14.29
CIE _{LCh}	44, 68.786, 348.006
Yxy	13.9822, 0.4216, 0.2222
Android (android.graphics.Color)	4290846850 (0xFFC12082)
YUV	91.3110, 19.0737, 89.1813
Hunter-Lab	37.3928, 61.2463, -9.3730

Details

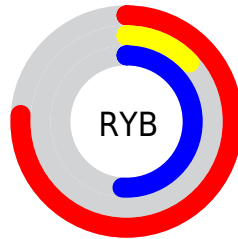
The RYB color **193, 32, 130** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **32, 148, 193**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **253, 98, 183**, and **134, 0, 81** is the 20% darker color. If you saturate the color by 10%, you get **193, 13, 122**, and if you desaturate by 10%, it is **193, 51, 138**.

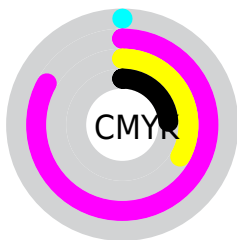
Distribution



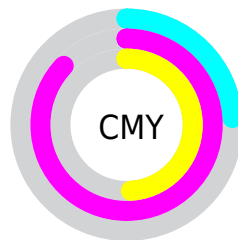
- Red (76%)
- Green (13%)
- Blue (51%)



- Red (76%)
- Yellow (13%)
- Blue (51%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 32, 130 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, 32, 130 by changing the saturation by 10% instead.

 193, 32, 130

 193, 32, 130

255, 255, 255

 163, 0, 105

 253, 98, 183

 134, 0, 81

 255, 127, 211

 106, 0, 58

 255, 155, 239

 78, 0, 36

 255, 184, 255

 50, 0, 12


 255, 214, 255

 0, 0, 0

 255, 244, 255

 193, 32, 130

 193, 32, 130

 193, 13, 122

 193, 51, 138

■ 193, 0, 117

■ 193, 71, 145

■ 193, 90, 153

■ 193, 109, 160

■ 193, 129, 168

■ 193, 148, 175

■ 193, 167, 183

■ 193, 186, 190

■ 193, 202, 206

Harmonies

Analogous

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



148, 70, 182



193, 32, 130



202, 30, 73

Triad

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



193, 32, 130



0, 112, 17



0, 76, 189

Complementary

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



193, 32, 130



32, 148, 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.



0, 67, 138



193, 32, 130



0, 114, 123

Square

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



193, 32, 130



81, 146, 0



0, 78, 127



0, 77, 218

Rectangle

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



193, 32, 130



192, 55, 36



0, 78, 127



0, 74, 174

Sweetspot

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



193, 32, 130



250, 187, 225



94, 32, 193



125, 87, 110



252, 252, 252



125, 125, 125

Same Dimension

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



193, 32, 130



250, 0, 152



193, 32, 51



97, 87, 93



161, 0, 98



33, 0, 20

Inverse Universe

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



193, 32, 130



250, 0, 152



32, 118, 193



97, 87, 93



161, 0, 98



33, 0, 20

Previews

White Background



This preview shows how the RYB color 193, 32, 130 looks on a white background.

Color Contrast Check

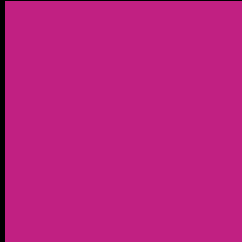
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 193, 32, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

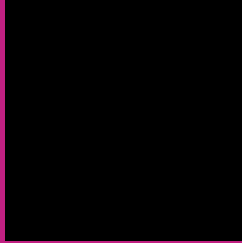
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 32, 130 Background



This preview shows how black text looks on a background with the RYB color 193, 32, 130.

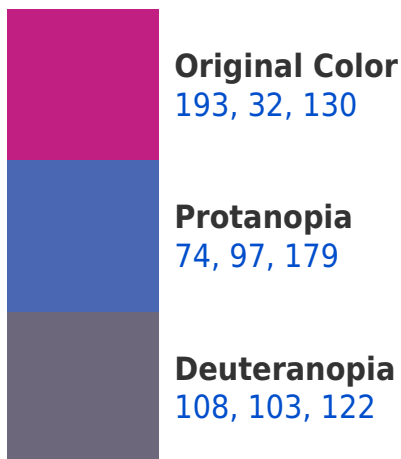


This preview shows how white text looks on a background with the RYB color 193, 32, 130.

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](#).

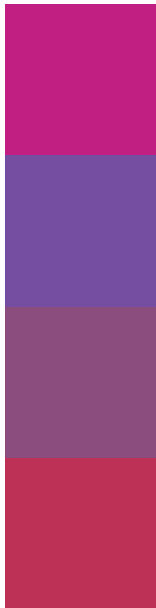
Dichromacy





Tritanopia
188, 58, 61

Trichromacy



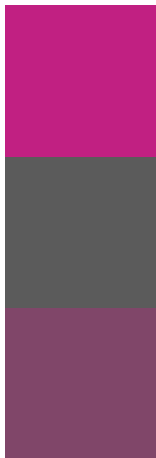
Original Color
193, 32, 130

Protanomaly
117, 77, 161

Deuteranomaly
139, 77, 125

Tritanomaly
190, 49, 86

Monochromacy



Original Color
193, 32, 130

Achromatopsia
91, 91, 91

Achromatomaly
128, 70, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 32, 130 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, 32, 130)` looks like.

```
.text, #text, p{  
    color:rgb(193, 32, 130)  
}
```

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, 32, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 32, 130) }
```

Border

The CSS property to change the border of an element to RYB 193, 32, 130 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, 32, 130) }
```

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

```
.border{ border-color:rgb(193, 32, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 32, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 32, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 32, 130);  
box-shadow:4px 4px 4px 4px rgb(193, 32,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 193, 32, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 32, 130) }
```

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

```
.background{ background-color: rgb(193, 32,  
130) }
```

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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