

Converting Colors

`RYB(172, 101, 130)`

Have a look what the booklet for
RYB(172, 101, 130) contains.

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Color

R_YB(172, 101, 130)

Conversions

Conversions Part 1

Format	Color
Hex	AC6582
RGB	172, 101, 130
RGB Percent	67%, 40%, 51%
CMY	0.3255, 0.6039, 0.4902
CMYK	0.00, 0.41, 0.24, 0.33
HSL	335°, 30%, 54%
HSV	335°, 41%, 67%
XYZ	25.6962, 19.6897, 23.5653
YIQ	125.5350, 33.0070, 24.0710

Conversions

Conversions Part 2

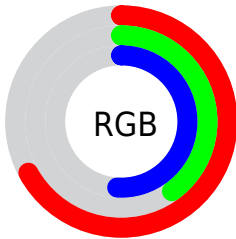
Format	Color
R_{YB}	172, 101, 130
Decimal	11298178
CIE _{Lab}	51.48, 32.42, -3.73
CIE _{LCh}	51, 32.637, 353.444
Yxy	19.6897, 0.3727, 0.2856
Android (android.graphics.Color)	4289488258 (0xFFAC6582)
YUV	125.5350, 2.2012, 40.7498
Hunter-Lab	44.3731, 25.7154, -0.4260

Details

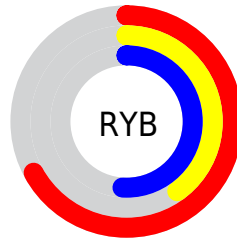
The RYB color **172, 101, 130** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **101, 146, 172**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **229, 153, 183**, and **118, 52, 81** is the 20% darker color. If you saturate the color by 10%, you get **172, 84, 120**, and if you desaturate by 10%, it is **172, 118, 140**.

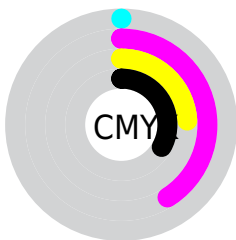
Distribution



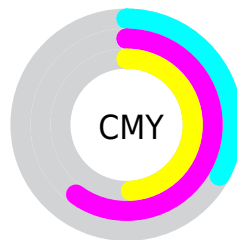
- Red (67%)
- Green (40%)
- Blue (51%)



- Red (67%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 101, 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 172, 101, 130 by changing the saturation by 10% instead.

 172, 101, 130

255, 255, 255

 229, 153, 183

 255, 180, 210

 255, 208, 239

 255, 237, 255

 172, 101, 130

 145, 76, 105


 118, 52, 81

 92, 28, 58

 66, 1, 36


 45, 0, 15

 0, 0, 0

 172, 101, 130

 172, 84, 120

 172, 67, 110

 172, 101, 130

 172, 118, 140

 172, 135, 150

■ 172, 49, 99

■ 172, 153, 161

■ 172, 32, 89

■ 172, 170, 171

■ 172, 15, 79

■ 172, 181, 187

■ 172, 0, 70

■ 172, 192, 204

■ 172, 203, 221

■ 172, 214, 239

■ 172, 224, 255

Harmonies

Analogous

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



152, 108, 156



172, 101, 130



176, 102, 102

Triad

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



172, 101, 130



70, 128, 80



0, 74, 167

Complementary

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



172, 101, 130



101, 146, 172

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, 70, 144



172, 101, 130



86, 132, 134

Square

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



172, 101, 130



108, 146, 67



45, 97, 137



68, 106, 178

Rectangle

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



172, 101, 130



171, 112, 86



45, 97, 137



0, 73, 160

Sweetspot

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



172, 101, 130



224, 197, 208



142, 101, 172



112, 96, 103



240, 240, 240



112, 112, 112

Same Dimension

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



172, 101, 130



224, 112, 158



172, 108, 101



87, 78, 82



150, 0, 61



23, 0, 9

Inverse Universe

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



172, 101, 130



224, 112, 158



101, 135, 172



87, 78, 82



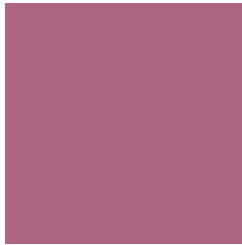
150, 0, 61



23, 0, 9

Previews

White Background



This preview shows how the RYB color 172, 101, 130 looks on a white background.

Color Contrast Check

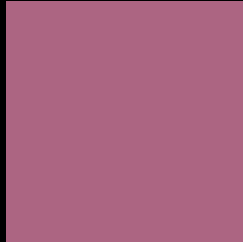
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 172, 101, 130 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 × Fail

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

RYB 172, 101, 130 Background



This preview shows how black text looks on a background with the RYB color 172, 101, 130.



This preview shows how white text looks on a background with the RYB color 172, 101, 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



Original Color
172, 101, 130

Protanopia
119, 122, 143

Deuteranopia
133, 119, 127



Tritanopia
170, 104, 112

Trichromacy



Original Color
172, 101, 130

Protanomaly
138, 114, 138

Deuteranomaly
147, 112, 128

Tritanomaly
171, 103, 119

Monochromacy



Original Color
172, 101, 130

Achromatopsia
126, 126, 126

Achromatomaly
143, 117, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 101, 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(172, 101, 130)` looks like.

```
.text, #text, p{  
    color:rgb(172, 101, 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(172, 101, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 101, 130) }
```

Border

The CSS property to change the border of an element to RYB 172, 101, 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(172, 101, 130) }
```

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

```
.border{ border-color:rgb(172, 101, 130) }
```

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

Here you see how a box with a 4 pixel rgb(172, 101, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 101, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 101, 130);  
box-shadow:4px 4px 4px 4px rgb(172, 101,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 172, 101, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 101, 130) }
```

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

```
.background{ background-color: rgb(172,  
101, 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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