

Converting Colors

`RYB(201, 140, 150)`

Have a look what the booklet for RYB(201, 140, 150) contains.

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Color

R_YB(201, 140, 150)

Conversions

Conversions Part 1

Format	Color
Hex	C98C96
RGB	201, 140, 150
RGB Percent	79%, 55%, 59%
CMY	0.2118, 0.4510, 0.4118
CMYK	0.00, 0.30, 0.25, 0.21
HSL	350°, 36%, 67%
HSV	350°, 30%, 79%
XYZ	38.9705, 33.3757, 33.2423
YIQ	159.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

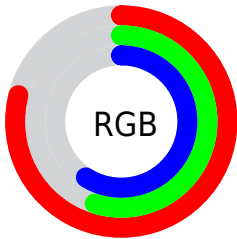
Format	Color
R_{YB}	201, 140, 150
Decimal	13208726
CIE _{Lab}	64.46, 24.62, 4.06
CIE _{LCh}	64, 24.957, 9.363
Yxy	33.3757, 0.3691, 0.3161
Android (android.graphics.Color)	4291398806 (0xFFC98C96)
YUV	159.3790, -4.6238, 36.5016
Hunter-Lab	57.7717, 19.3086, 6.3242

Details

The RYB color **201, 140, 150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 173, 201**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 194, 204**, and **146, 89, 99** is the 20% darker color. If you saturate the color by 10%, you get **201, 120, 133**, and if you desaturate by 10%, it is **201, 160, 167**.

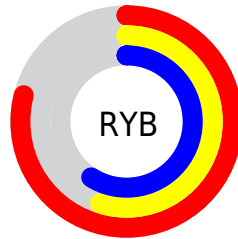
Distribution



Red (79%)

Green (55%)

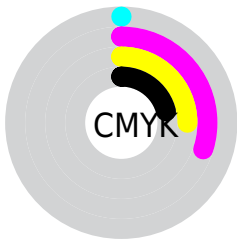
Blue (59%)



Red (79%)

Yellow (55%)

Blue (59%)

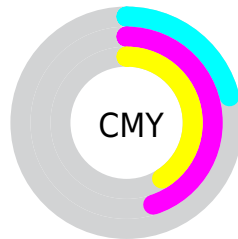


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (21%)



Cyan (21%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 140, 150 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 201, 140, 150 by changing the saturation by 10% instead.

 201, 140, 150

 201, 140, 150

255, 255, 255

 173, 114, 124

 255, 194, 204


 146, 89, 99

 255, 222, 232

 119, 65, 76

 255, 251, 255

 93, 42, 53

 68, 19, 32


 45, 0, 8


 2, 0, 0


 0, 0, 0


 201, 140, 150


 201, 140, 150


 201, 120, 133


 201, 160, 167

 201, 100, 116


 201, 180, 184


 201, 80, 100


 201, 200, 200

 201, 60, 83


 201, 211, 220

 201, 40, 66

 201, 223, 241

 201, 19, 49

 201, 229, 255

 201, 0, 33

 201, 228, 255

Harmonies

Analogous

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



191, 142, 173



201, 140, 150



199, 147, 129

Triad

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



201, 140, 150



121, 163, 143



108, 142, 197

Complementary

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



201, 140, 150



140, 173, 201

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.



90, 132, 184



201, 140, 150



115, 151, 168

Square

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



201, 140, 150



121, 165, 112



95, 134, 169



138, 152, 200

Rectangle

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



201, 140, 150



191, 165, 119



95, 134, 169



100, 138, 194

Sweetspot

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



201, 140, 150



255, 232, 236



191, 140, 201



128, 113, 116



0, 0, 0



128, 128, 128

Same Dimension

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



201, 140, 150



255, 163, 178



201, 170, 140



99, 90, 91



163, 0, 27



36, 0, 6

Inverse Universe

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



201, 140, 150



255, 163, 178



140, 165, 201



99, 90, 91



163, 0, 27



36, 0, 6

Previews

White Background



This preview shows how the RYB color 201, 140, 150 looks on a white background.

Color Contrast Check

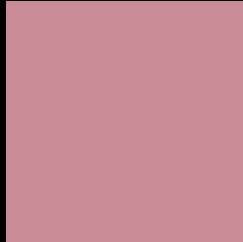
Large Text (above 18pt) WCAG AA × Fail

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 201, 140, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

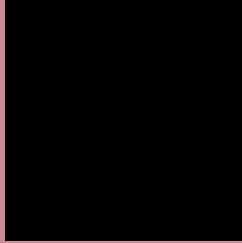
Any Text WCAG AA ✓ Pass

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 201, 140, 150 Background



This preview shows how black text looks on a background with the RYB color 201, 140, 150.



This preview shows how white text looks on a background with the RYB color 201, 140, 150.

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
201, 140, 150

Protanopia
159, 156, 159

Deuteranopia
175, 151, 148



Tritanopia
201, 140, 151

Trichromacy



Original Color

201, 140, 150

Protanomaly

174, 150, 156

Deuteranomaly

184, 147, 149

Tritanomaly

201, 140, 151

Monochromacy



Original Color

201, 140, 150

Achromatopsia

159, 159, 159

Achromatomaly

174, 152, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 140, 150 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(201, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 140, 150)  
}
```

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(201, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 140, 150) }
```

Border

The CSS property to change the border of an element to RYB 201, 140, 150 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(201, 140, 150) }
```

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

```
.border{ border-color:rgb(201, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 140,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 201, 140, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 140, 150) }
```

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

```
.background{ background-color: rgb(201,  
140, 150) }
```

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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