

Converting Colors

`RYB(190, 150, 178)`

Have a look what the booklet for RYB(190, 150, 178) contains.

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Color

R_YB(190, 150, 178)

Conversions

Conversions Part 1

Format	Color
Hex	BE96B2
RGB	190, 150, 178
RGB Percent	75%, 59%, 70%
CMY	0.2549, 0.4118, 0.3020
CMYK	0.00, 0.21, 0.06, 0.25
HSL	318°, 24%, 67%
HSV	318°, 21%, 75%
XYZ	40.1774, 35.9742, 46.9456
YIQ	165.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

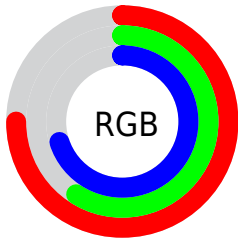
Format	Color
RYB	190, 150, 178
Decimal	12490418
CIELab	66.50, 19.64, -8.85
CIELCh	67, 21.545, 335.746
Yxy	35.9742, 0.3264, 0.2922
Android (android.graphics.Color)	4290680498 (0xFFBE96B2)
YUV	165.1520, 6.3341, 21.7917
Hunter-Lab	59.9785, 14.6084, -4.4218

Details

The RYB color **190, 150, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **150, 181, 190**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **247, 204, 234**, and **136, 99, 125** is the 20% darker color. If you saturate the color by 10%, you get **190, 131, 172**, and if you desaturate by 10%, it is **190, 169, 184**.

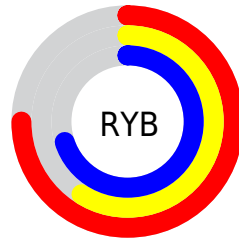
Distribution



Red (75%)

Green (59%)

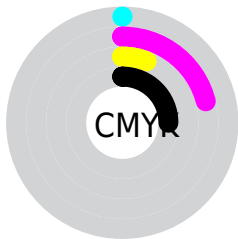
Blue (70%)



Red (75%)

Yellow (59%)

Blue (70%)

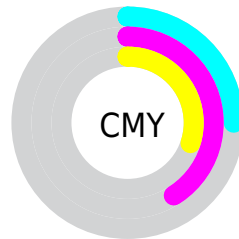


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 150, 178 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 190, 150, 178 by changing the saturation by 10% instead.


 190, 150, 178

255, 255, 255


 247, 204, 234

 255, 233, 255

 190, 150, 178

 163, 124, 151

 136, 99, 125

 111, 75, 100

 86, 52, 76

 62, 30, 54

 39, 8, 32

 9, 0, 7

 0, 0, 0

 190, 150, 178

 190, 150, 178

190, 131, 172

190, 169, 184

190, 112, 167

190, 188, 189

190, 93, 161

190, 203, 207

190, 74, 155

190, 218, 226

190, 55, 150

190, 232, 245

190, 36, 144

190, 239, 255

190, 17, 138

190, 235, 255

190, 0, 133

190, 233, 255

190, 231, 255

Harmonies

Analogous

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



170, 155, 193



190, 150, 178



201, 148, 159

Triad

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



190, 150, 178



137, 173, 123



107, 142, 184

Complementary

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



190, 150, 178



150, 181, 190

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.



112, 145, 173



190, 150, 178



130, 167, 146

Square

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



190, 150, 178



190, 177, 127



129, 159, 171



120, 149, 196

Rectangle

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



190, 150, 178



201, 149, 146



129, 159, 171



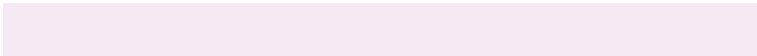
107, 141, 178

Sweetspot

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



190, 150, 178



247, 233, 243



162, 150, 190



125, 116, 122



252, 252, 252



125, 125, 125

Same Dimension

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



190, 150, 178



247, 186, 229



190, 150, 158



94, 85, 92



158, 0, 111



31, 0, 21

Inverse Universe

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



190, 150, 178



247, 186, 229



150, 172, 190



94, 85, 92



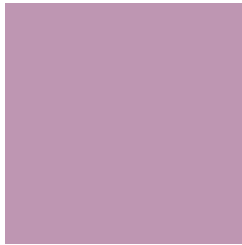
158, 0, 111



31, 0, 21

Previews

White Background



This preview shows how the RYB color 190, 150, 178 looks on a white background.

Color Contrast Check

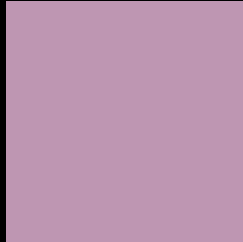
Large Text (above 18pt) WCAG AA × Fail

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 190, 150, 178 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 190, 150, 178 Background



This preview shows how black text looks on a background with the RYB color 190, 150, 178.



This preview shows how white text looks on a background with the RYB color 190, 150, 178.

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
190, 150, 178

Protanopia
158, 161, 185

Deuteranopia
171, 157, 177



Tritanopia
188, 152, 164

Trichromacy



Original Color
190, 150, 178

Protanomaly
170, 157, 182

Deuteranomaly
178, 154, 177

Tritanomaly
189, 151, 169

Monochromacy



Original Color
190, 150, 178

Achromatopsia
165, 165, 165

Achromatomaly
174, 160, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 150, 178 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(190, 150, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 150, 178)  
}
```

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(190, 150, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 150, 178) }
```

Border

The CSS property to change the border of an element to RYB 190, 150, 178 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(190, 150, 178) }
```

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

```
.border{ border-color:rgb(190, 150, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 150, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 150, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 150, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 150,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 190, 150, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 150, 178) }
```

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

```
.background{ background-color: rgb(190,  
150, 178) }
```

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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