

Converting Colors

`RYB(190, 172, 204)`

Have a look what the booklet for
RYB(190, 172, 204) contains.

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Color

R_YB(190, 172, 204)

Conversions

Conversions Part 1

Format	Color
Hex	BEACCC
RGB	190, 172, 204
RGB Percent	75%, 67%, 80%
CMY	0.2549, 0.3255, 0.2000
CMYK	0.07, 0.16, 0.00, 0.20
HSL	274°, 24%, 74%
HSV	274°, 16%, 80%
XYZ	46.8868, 44.8118, 63.3051
YIQ	181.0300, 0.4560, 13.7680

Conversions

Conversions Part 2

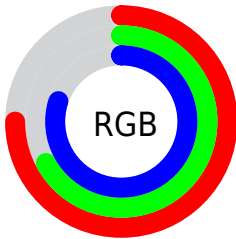
Format	Color
RYB	190, 172, 204
Decimal	12496076
CIELab	72.77, 12.45, -13.88
CIELCh	73, 18.644, 311.897
Yxy	44.8118, 0.3025, 0.2891
Android (android.graphics.Color)	4290686156 (0xFFBEACCC)
YUV	181.0300, 11.3242, 7.8667
Hunter-Lab	66.9416, 7.8759, -9.2100

Details

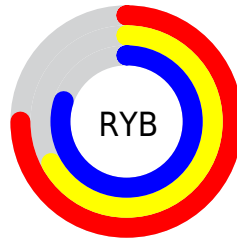
The RYB color **190, 172, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172, 204, 190**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **246, 227, 255**, and **136, 120, 150** is the 20% darker color. If you saturate the color by 10%, you get **181, 152, 204**, and if you desaturate by 10%, it is **199, 192, 204**.

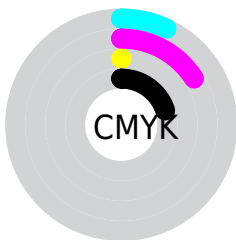
Distribution



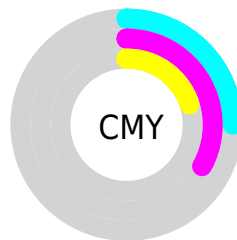
- Red (75%)
- Green (67%)
- Blue (80%)



- Red (75%)
- Yellow (67%)
- Blue (80%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 172, 204 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, 172, 204 by changing the saturation by 10% instead.

■ 190, 172, 204

255, 255, 255

■ 246, 227, 255

■ 190, 172, 204

■ 163, 145, 177

■ 136, 120, 150

■ 111, 95, 124

■ 86, 71, 99

■ 63, 49, 75

■ 41, 28, 52

■ 22, 2, 31

■ 0, 0, 3

■ 0, 0, 0

190, 172, 204

190, 172, 204

181, 152, 204

199, 192, 204

172, 131, 204

204, 213, 209

163, 111, 204

204, 233, 220

154, 90, 204

204, 254, 232

145, 70, 204

204, 255, 224

136, 50, 204

204, 255, 215

128, 29, 204

204, 255, 207

119, 9, 204

204, 255, 204

115, 0, 204

Harmonies

Analogous

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



168, 176, 212



190, 172, 204



206, 168, 190

Triad

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



190, 172, 204



201, 201, 147



135, 163, 189

Complementary

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



190, 172, 204



172, 204, 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.



147, 175, 188



190, 172, 204



151, 185, 145

Square

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



190, 172, 204



212, 172, 157



153, 184, 172



134, 164, 201

Rectangle

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



190, 172, 204



213, 167, 178



153, 184, 172



138, 165, 188

Sweetspot

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



190, 172, 204



249, 242, 255



172, 182, 204



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 172, 204



234, 207, 255



204, 172, 202



98, 92, 102



93, 0, 166



22, 0, 38

Inverse Universe

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



204, 172, 186



255, 207, 228



172, 202, 204



102, 92, 96



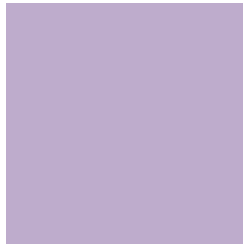
166, 0, 73



38, 0, 17

Previews

White Background



This preview shows how the RYB color 190, 172, 204 looks on a white background.

Color Contrast Check

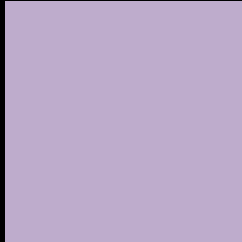
Large Text (above 18pt) WCAG AA × Fail

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, 172, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

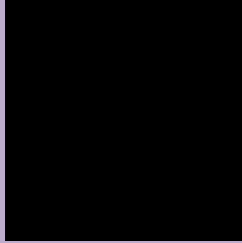
Any Text WCAG AA ✓ Pass

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, 172, 204 Background



This preview shows how black text looks on a background with the RYB color 190, 172, 204.



This preview shows how white text looks on a background with the RYB color 190, 172, 204.

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, 172, 204

Protanopia
173, 177, 207

Deuteranopia
184, 174, 204



Tritanopia
188, 175, 188

Trichromacy



Original Color

190, 172, 204

Protanomaly

179, 175, 206

Deuteranomaly

186, 173, 204

Tritanomaly

189, 174, 194

Monochromacy



Original Color

190, 172, 204

Achromatopsia

181, 181, 181

Achromatomaly

184, 178, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 172, 204 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, 172, 204) looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 204)  
}
```

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, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 204) }
```

Border

The CSS property to change the border of an element to RYB 190, 172, 204 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, 172, 204) }
```

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

```
.border{ border-color:rgb(190, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 190, 172, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 204) }
```

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

```
.background{ background-color: rgb(190,  
172, 204) }
```

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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