

Converting Colors

`RYB(186, 155, 172)`

Have a look what the booklet for
RYB(186, 155, 172) contains.

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Color

R_YB(186, 155, 172)

Conversions

Conversions Part 1

Format	Color
Hex	BA9BAC
RGB	186, 155, 172
RGB Percent	73%, 61%, 67%
CMY	0.2706, 0.3922, 0.3255
CMYK	0.00, 0.17, 0.08, 0.27
HSL	327°, 18%, 67%
HSV	327°, 17%, 73%
XYZ	39.4174, 36.8604, 44.0670
YIQ	166.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

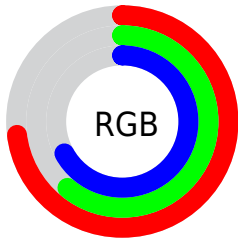
Format	Color
RYB	186, 155, 172
Decimal	12229548
CIELab	67.17, 14.37, -4.54
CIElCh	67, 15.066, 342.469
Yxy	36.8604, 0.3275, 0.3063
Android (android.graphics.Color)	4290419628 (0xFFBA9BAC)
YUV	166.2070, 2.8559, 17.3585
Hunter-Lab	60.7127, 9.6430, -0.5354

Details

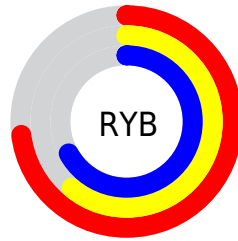
The RYB color **186, 155, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **155, 176, 186**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **242, 210, 227**, and **133, 104, 120** is the 20% darker color. If you saturate the color by 10%, you get **186, 136, 164**, and if you desaturate by 10%, it is **186, 174, 180**.

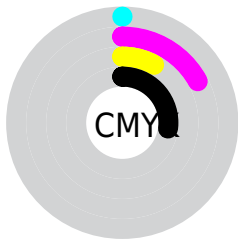
Distribution



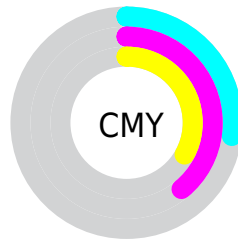
- Red (73%)
- Green (61%)
- Blue (67%)



- Red (73%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (27%)



- Cyan (27%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 155, 172 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 186, 155, 172 by changing the saturation by 10% instead.

 186, 155, 172

 186, 155, 172

255, 255, 255


 159, 129, 145

 242, 210, 227

 133, 104, 120

 255, 238, 255

 107, 80, 95

 83, 56, 71

 59, 35, 49

 37, 14, 28

 6, 0, 0

 0, 0, 0

 186, 155, 172

 186, 155, 172

 186, 136, 164

 186, 174, 180

 186, 118, 155

 186, 190, 192

 186, 99, 147

 186, 203, 211

 186, 81, 138


 186, 215, 229

 186, 62, 130

 186, 229, 248

 186, 43, 122

 186, 231, 255

 186, 25, 113

 186, 228, 255

 186, 6, 105

 186, 225, 255

 186, 0, 102

 186, 222, 255

Harmonies

Analogous

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



173, 158, 184



186, 155, 172



192, 154, 158

Triad

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



186, 155, 172



142, 168, 137



129, 152, 181

Complementary

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



186, 155, 172



155, 176, 186

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.



129, 151, 171



186, 155, 172



143, 168, 158

Square

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



186, 155, 172



182, 182, 138



138, 160, 171



139, 157, 189

Rectangle

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



186, 155, 172



192, 156, 150



138, 160, 171



128, 151, 178

Sweetspot

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



186, 155, 172



242, 230, 237



169, 155, 186



122, 115, 119



250, 250, 250



122, 122, 122

Same Dimension

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



186, 155, 172



242, 194, 220



186, 155, 157



92, 83, 88



156, 0, 85



28, 0, 15

Inverse Universe

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



186, 155, 172



242, 194, 220



155, 171, 186



92, 83, 88



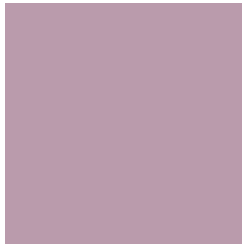
156, 0, 85



28, 0, 15

Previews

White Background



This preview shows how the RYB color 186, 155, 172 looks on a white background.

Color Contrast Check

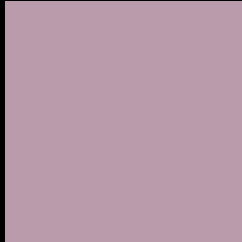
Large Text (above 18pt) WCAG AA × Fail

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 186, 155, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

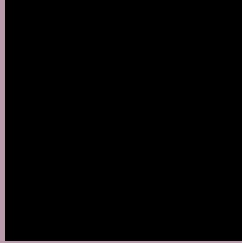
Any Text WCAG AA ✓ Pass

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 186, 155, 172 Background



This preview shows how black text looks on a background with the RYB color 186, 155, 172.



This preview shows how white text looks on a background with the RYB color 186, 155, 172.

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
186, 155, 172

Protanopia
163, 163, 177

Deuteranopia
176, 159, 171



Tritanopia
185, 156, 168

Trichromacy



Original Color
186, 155, 172

Protanomaly
171, 160, 175

Deuteranomaly
180, 158, 171

Tritanomaly
185, 156, 169

Monochromacy



Original Color
186, 155, 172

Achromatopsia
166, 166, 166

Achromatomaly
173, 162, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 155, 172 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(186, 155, 172) looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 172)  
}
```

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(186, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 172) }
```

Border

The CSS property to change the border of an element to RYB 186, 155, 172 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(186, 155, 172) }
```

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

```
.border{ border-color:rgb(186, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 186, 155, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 172) }
```

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

```
.background{ background-color: rgb(186,  
155, 172) }
```

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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