

Converting Colors

`RYB(186, 165, 172)`

Have a look what the booklet for
RYB(186, 165, 172) contains.

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Color

R_YB(186, 165, 172)

Conversions

Conversions Part 1

Format	Color
Hex	BAA5AC
RGB	186, 165, 172
RGB Percent	73%, 65%, 67%
CMY	0.2706, 0.3529, 0.3255
CMYK	0.00, 0.11, 0.08, 0.27
HSL	340°, 13%, 69%
HSV	340°, 11%, 73%
XYZ	41.1512, 40.3279, 44.6449
YIQ	172.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

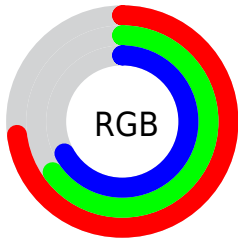
Format	Color
RYB	186, 165, 172
Decimal	12232108
CIELab	69.70, 8.85, -0.82
CIELCh	70, 8.886, 354.708
Yxy	40.3279, 0.3263, 0.3197
Android (android.graphics.Color)	4290422188 (0xFFBAA5AC)
YUV	172.0770, -0.0380, 12.2105
Hunter-Lab	63.5043, 4.5368, 2.7708

Details

The RYB color **186, 165, 172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 178, 186**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **242, 220, 227**, and **133, 113, 120** is the 20% darker color. If you saturate the color by 10%, you get **186, 146, 160**, and if you desaturate by 10%, it is **186, 184, 184**.

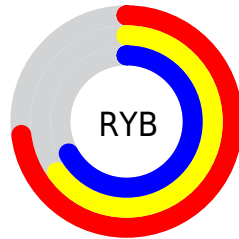
Distribution



Red (73%)

Green (65%)

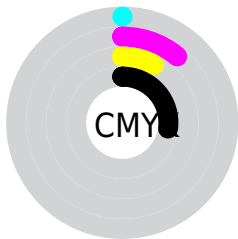
Blue (67%)



Red (73%)

Yellow (65%)

Blue (67%)

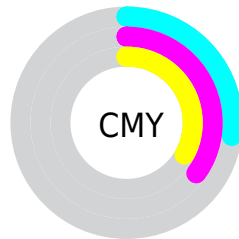


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 165, 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, 165, 172 by changing the saturation by 10% instead.

 186, 165, 172

255, 255, 255

 242, 220, 227

 255, 249, 255

 186, 165, 172

 159, 139, 145

 133, 113, 120

 107, 89, 95

 83, 65, 71

 60, 43, 49

 38, 23, 28

 18, 0, 1


 0, 0, 0

 186, 165, 172


 186, 165, 172

 186, 146, 160

 186, 184, 184

 186, 128, 147


 186, 195, 202

 186, 109, 135

 186, 207, 221

 186, 91, 122

 186, 218, 239

 186, 72, 110

 186, 227, 255

 186, 53, 98

 186, 223, 255

 186, 35, 85

 186, 221, 255

 186, 16, 73

 186, 0, 62

Harmonies

Analogous

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



180, 166, 180



186, 165, 172



188, 165, 164

Triad

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



186, 165, 172



156, 172, 158



153, 165, 183

Complementary

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



186, 165, 172



165, 178, 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.



150, 163, 177



186, 165, 172



160, 173, 174

Square

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



186, 165, 172



171, 179, 154



153, 166, 175



160, 168, 186

Rectangle

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



186, 165, 172



187, 168, 159



153, 166, 175



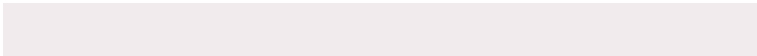
151, 164, 181

Sweetspot

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



186, 165, 172



242, 235, 237



179, 165, 186



122, 118, 119



250, 250, 250



122, 122, 122

Same Dimension

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



186, 165, 172



242, 208, 220



186, 170, 165



92, 83, 86



156, 0, 52



28, 0, 9

Inverse Universe

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



186, 165, 172



242, 208, 220



165, 175, 186



92, 83, 86



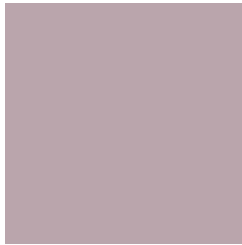
156, 0, 52



28, 0, 9

Previews

White Background



This preview shows how the RYB color 186, 165, 172 looks on a white background.

Color Contrast Check

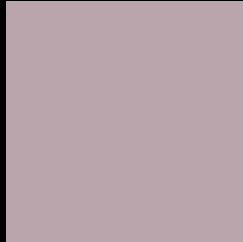
Large Text (above 18pt) WCAG AA × Fail

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, 165, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

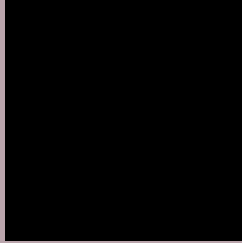
Any Text WCAG AA ✓ Pass

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, 165, 172 Background



This preview shows how black text looks on a background with the RYB color 186, 165, 172.



This preview shows how white text looks on a background with the RYB color 186, 165, 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, 165, 172

Protanopia
172, 169, 175

Deuteranopia
186, 165, 172



Tritanopia
187, 164, 177

Trichromacy



Original Color

186, 165, 172

Protanomaly

177, 168, 174

Deuteranomaly

186, 165, 172

Tritanomaly

187, 164, 175

Monochromacy



Original Color

186, 165, 172

Achromatopsia

172, 172, 172

Achromatomaly

177, 169, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 165, 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, 165, 172) looks like.

```
.text, #text, p{  
    color:rgb(186, 165, 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, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 165, 172) }
```

Border

The CSS property to change the border of an element to RYB 186, 165, 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, 165, 172) }
```

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

```
.border{ border-color:rgb(186, 165, 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, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 165,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 186, 165, 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, 165, 172) }
```

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

```
.background{ background-color: rgb(186,  
165, 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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