

Converting Colors

`RYB(186, 165, 188)`

Have a look what the booklet for
RYB(186, 165, 188) contains.

RYB(186, 165, 188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(186, 165, 188)

Conversions

Conversions Part 1

Format	Color
Hex	BAA5BC
RGB	186, 165, 188
RGB Percent	73%, 65%, 74%
CMY	0.2706, 0.3529, 0.2627
CMYK	0.01, 0.12, 0.00, 0.26
HSL	295°, 15%, 69%
HSV	295°, 12%, 74%
XYZ	42.7819, 40.9802, 53.2321
YIQ	173.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

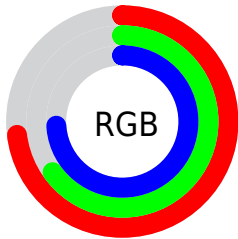
Format	Color
R_{YB}	186, 165, 188
Decimal	12232124
CIE _{Lab}	70.16, 11.80, -9.00
CIE _{LCh}	70, 14.840, 322.662
Yxy	40.9802, 0.3123, 0.2991
Android (android.graphics.Color)	4290422204 (0xFFBAA5BC)
YUV	173.9010, 6.9508, 10.6108
Hunter-Lab	64.0158, 7.2644, -4.4913

Details

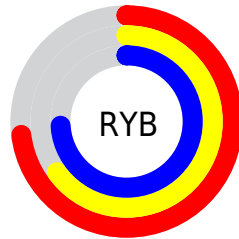
The RYB color **186, 165, 188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 188, 186**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **242, 220, 244**, and **133, 113, 135** is the 20% darker color. If you saturate the color by 10%, you get **184, 146, 188**, and if you desaturate by 10%, it is **188, 184, 188**.

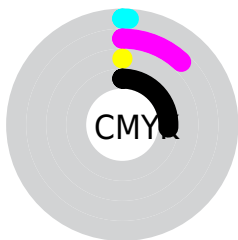
Distribution



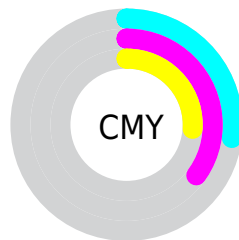
- Red (73%)
- Green (65%)
- Blue (74%)



- Red (73%)
- Yellow (65%)
- Blue (74%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)




- Cyan (27%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 186, 165, 188 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, 188 by changing the saturation by 10% instead.

 186, 165, 188

 186, 165, 188

255, 255, 255

 159, 139, 161

 242, 220, 244

 133, 113, 135

 255, 249, 255

 107, 89, 109

 83, 65, 85

 60, 43, 62

 38, 22, 40

 19, 0, 20

 0, 0, 0

 186, 165, 188

 186, 165, 188

184, 146, 188

188, 184, 188

183, 127, 188

188, 203, 202

181, 109, 188

188, 221, 218

179, 90, 188

188, 240, 235

178, 71, 188

188, 255, 249

176, 52, 188

188, 255, 247

175, 33, 188

188, 255, 246

173, 15, 188

188, 255, 244

172, 0, 188

188, 255, 242

Harmonies

Analogous

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



170, 169, 196



186, 165, 188



197, 163, 175

Triad

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



186, 165, 188



174, 186, 145



137, 158, 181

Complementary

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



186, 165, 188



165, 188, 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.



143, 164, 179



186, 165, 188



147, 174, 150

Square

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



186, 165, 188



196, 171, 151



155, 177, 176



140, 162, 192

Rectangle

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



186, 165, 188



200, 162, 166



155, 177, 176



138, 159, 179

Sweetspot

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



186, 165, 188



244, 235, 245



165, 167, 188



122, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

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



186, 165, 188



242, 208, 245



188, 165, 179



94, 85, 94



144, 0, 158



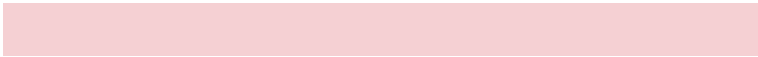
28, 0, 31

Inverse Universe

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



188, 165, 167



245, 208, 211



165, 182, 188



94, 85, 86



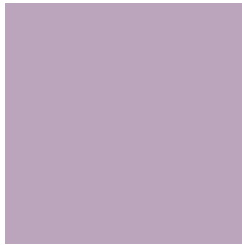
158, 0, 14



31, 0, 3

Previews

White Background



This preview shows how the RYB color 186, 165, 188 looks on a white background.

Color Contrast Check

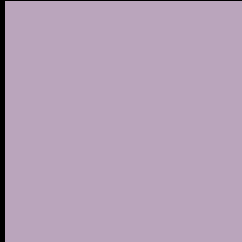
Large Text (above 18pt) WCAG AA × Fail

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, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

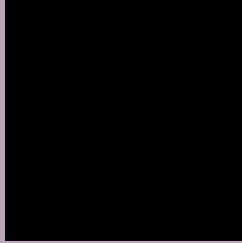
Any Text WCAG AA ✓ Pass

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, 188 Background



This preview shows how black text looks on a background with the RYB color 186, 165, 188.



This preview shows how white text looks on a background with the RYB color 186, 165, 188.

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, 188

Protanopia
169, 170, 191

Deuteranopia
181, 167, 188



Tritanopia

185, 166, 179

Trichromacy



Original Color

186, 165, 188

Protanomaly

175, 168, 190

Deuteranomaly

183, 166, 188

Tritanomaly

185, 166, 182

Monochromacy



Original Color

186, 165, 188

Achromatopsia

174, 174, 174

Achromatomaly

178, 171, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 165, 188 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 165, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 165, 188) }
```

Border

The CSS property to change the border of an element to RYB 186, 165, 188 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, 188) }
```

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

```
.border{ border-color:rgb(186, 165, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 165, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 165, 188);  
box-shadow:4px 4px 4px 4px rgb(186, 165,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 186, 165, 188 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, 188) }
```

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

```
.background{ background-color: rgb(186,  
165, 188) }
```

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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