

Converting Colors

`RYB(186, 170, 187)`

Have a look what the booklet for RYB(186, 170, 187) contains.

RYB(186, 170, 187)	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, 170, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BAAABB
RGB	186, 170, 187
RGB Percent	73%, 67%, 73%
CMY	0.2706, 0.3333, 0.2667
CMYK	0.01, 0.09, 0.00, 0.27
HSL	296°, 11%, 70%
HSV	296°, 9%, 73%
XYZ	43.5941, 42.7764, 52.9727
YIQ	176.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

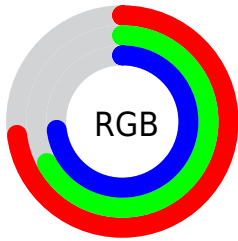
Format	Color
RYB	186, 170, 187
Decimal	12233403
CIELab	71.40, 8.86, -6.60
CIELCh	71, 11.051, 323.296
Yxy	42.7764, 0.3129, 0.3070
Android (android.graphics.Color)	4290423483 (0xFFBAAABB)
YUV	176.7220, 5.0671, 8.1368
Hunter-Lab	65.4037, 4.5207, -2.2385

Details

The RYB color **186, 170, 187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 187, 186**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **242, 225, 243**, and **133, 118, 134** is the 20% darker color. If you saturate the color by 10%, you get **185, 151, 187**, and if you desaturate by 10%, it is **187, 189, 189**.

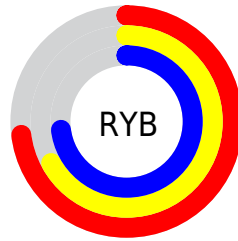
Distribution



Red (73%)

Green (67%)

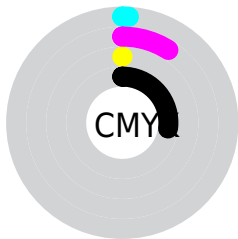
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

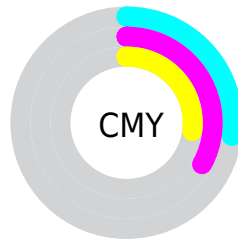


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 170, 187 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, 170, 187 by changing the saturation by 10% instead.


 186, 170, 187

255, 255, 255

 242, 225, 243


255, 254, 255

 186, 170, 187

 159, 144, 160

 133, 118, 134

 108, 93, 109

 83, 70, 84

 60, 47, 61

 38, 26, 39

 18, 0, 19

 0, 0, 0

 186, 170, 187

 186, 170, 187

185, 151, 187

187, 189, 189

184, 133, 187

187, 207, 206

183, 114, 187

187, 226, 224

182, 95, 187

187, 245, 242

181, 76, 187

187, 255, 251

179, 58, 187

187, 255, 249

178, 39, 187

187, 255, 248

177, 20, 187

187, 255, 247

176, 2, 187

187, 255, 246

Harmonies

Analogous

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



174, 173, 193



186, 170, 187



194, 168, 178

Triad

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



186, 170, 187



177, 186, 155



150, 166, 182

Complementary

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



186, 170, 187



170, 187, 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.



154, 170, 181



186, 170, 187



156, 177, 158

Square

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



186, 170, 187



194, 175, 159



163, 179, 179



152, 168, 191

Rectangle

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



186, 170, 187



197, 168, 171



163, 179, 179



150, 166, 181

Sweetspot

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



186, 170, 187



242, 235, 242



170, 171, 187



122, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



186, 170, 187



241, 216, 242



187, 170, 180



94, 85, 94



149, 0, 158



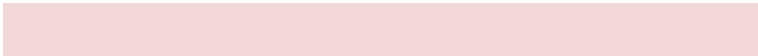
29, 0, 31

Inverse Universe

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



187, 170, 171



242, 216, 217



170, 182, 187



94, 85, 85



158, 0, 9



31, 0, 2

Previews

White Background



This preview shows how the RYB color 186, 170, 187 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, 170, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

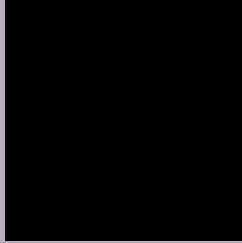
Any Text WCAG AA ✓ Pass

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, 170, 187 Background



This preview shows how black text looks on a background with the RYB color 186, 170, 187.



This preview shows how white text looks on a background with the RYB color 186, 170, 187.

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, 170, 187

Protanopia

174, 174, 189

Deuteranopia

186, 170, 187



Tritanopia
186, 171, 184

Trichromacy



Original Color
186, 170, 187

Protanomaly
178, 173, 188

Deuteranomaly
186, 170, 187

Tritanomaly
186, 171, 185

Monochromacy



Original Color
186, 170, 187

Achromatopsia
177, 177, 177

Achromatomaly
180, 174, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 170, 187 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, 170, 187) looks like.

```
.text, #text, p{  
    color:rgb(186, 170, 187)  
}
```

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, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 170, 187) }
```

Border

The CSS property to change the border of an element to RYB 186, 170, 187 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, 170, 187) }
```

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

```
.border{ border-color:rgb(186, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 170,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 186, 170, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 170, 187) }
```

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

```
.background{ background-color: rgb(186,  
170, 187) }
```

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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