

Converting Colors

`RYB(176, 136, 121)`

Have a look what the booklet for
RYB(176, 136, 121) contains.

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Color

R_YB(176, 136, 121)

Conversions

Conversions Part 1

Format	Color
Hex	B08579
RGB	176, 133, 121
RGB Percent	69%, 52%, 47%
CMY	0.3098, 0.4793, 0.5255
CMYK	0.00, 0.25, 0.31, 0.31
HSL	13°, 26%, 58%
HSV	13°, 31%, 69%
XYZ	29.7139, 27.3270, 21.7977
YIQ	144.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

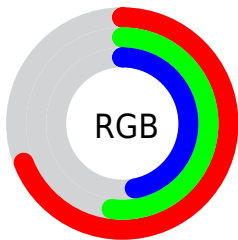
Format	Color
R_{YB}	176, 136, 121
Decimal	11568505
CIE _{Lab}	59.28, 14.88, 12.79
CIE _{LCh}	59, 19.621, 40.671
Yxy	27.3270, 0.3769, 0.3466
Android (android.graphics.Color)	4289758585 (0xFFB08579)
YUV	144.4890, -11.5801, 27.6351
Hunter-Lab	52.2753, 9.9799, 11.8700

Details

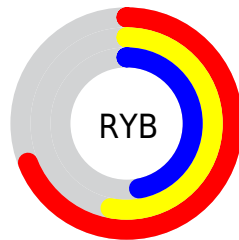
The RYB color **176, 136, 121** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **121, 145, 176**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **233, 190, 173**, and **122, 86, 72** is the 20% darker color. If you saturate the color by 10%, you get **176, 123, 103**, and if you desaturate by 10%, it is **176, 149, 139**.

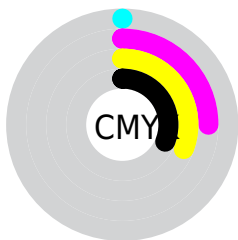
Distribution



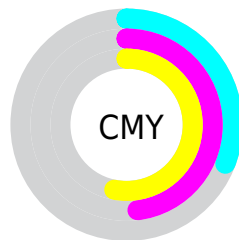
- Red (69%)
- Green (52%)
- Blue (47%)



- Red (69%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (31%)



- Cyan (31%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 136, 121 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 176, 136, 121 by changing the saturation by 10% instead.


 176, 136, 121

255, 255, 255

 233, 190, 173


 255, 218, 201


 255, 255, 229

 176, 136, 121

 149, 110, 96

 122, 86, 72

 96, 63, 50

 71, 40, 29


 48, 22, 4


 24, 0, 1

 0, 0, 0

 176, 136, 121

 176, 123, 103


 176, 136, 121

 176, 149, 139

 176, 110, 86

 176, 161, 156

 176, 97, 68

 176, 174, 174

 176, 84, 51

 176, 183, 191

 176, 73, 33

 176, 191, 209

 176, 60, 15

 176, 198, 227

 176, 48, 0

 176, 206, 244

 176, 212, 255

 176, 216, 255

Harmonies

Analogous

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



178, 130, 137



176, 136, 121



166, 164, 111

Triad

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



176, 136, 121



111, 139, 152



131, 140, 176

Complementary

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



176, 136, 121



121, 145, 176

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.



108, 133, 175



176, 136, 121



97, 126, 153

Square

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



176, 136, 121



116, 148, 134



95, 126, 165



153, 136, 169

Rectangle

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



176, 136, 121



126, 155, 108



95, 126, 165



123, 138, 177

Sweetspot

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



176, 136, 121



230, 214, 209



176, 121, 165



115, 106, 102



242, 242, 242



115, 115, 115

Same Dimension

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



176, 136, 121



230, 166, 142



144, 176, 121



89, 83, 80



153, 42, 0



26, 6, 0

Inverse Universe

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



121, 145, 176



142, 181, 230



121, 134, 176



80, 84, 89



0, 67, 153



0, 11, 26

Previews

White Background



This preview shows how the RYB color 176, 136, 121 looks on a white background.

Color Contrast Check

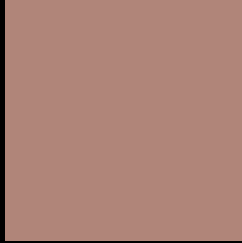
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 136, 121 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 176, 136, 121 Background



This preview shows how black text looks on a background with the RYB color 176, 136, 121.



This preview shows how white text looks on a background with the RYB color 176, 136, 121.

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
176, 136, 121

Protanopia
134, 149, 126

Deuteranopia
165, 150, 120



Tritanopia
178, 130, 140

Trichromacy



Original Color

176, 136, 121

Protanomaly

159, 150, 124

Deuteranomaly

169, 144, 120

Tritanomaly

177, 131, 133

Monochromacy



Original Color

176, 136, 121

Achromatopsia

144, 144, 144

Achromatomaly

156, 141, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 136, 121 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(176, 133, 121) looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 121)  
}
```

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(176, 133, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 121) }
```

Border

The CSS property to change the border of an element to RYB 176, 136, 121 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(176, 133, 121) }
```

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

```
.border{ border-color:rgb(176, 133, 121) }
```

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

Here you see how a box with a 4 pixel rgb(176, 133, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 121);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 176, 136, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 121) }
```

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

```
.background{ background-color: rgb(176,  
133, 121) }
```

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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