

Converting Colors

`RYB(181, 137, 120)`

Have a look what the booklet for
RYB(181, 137, 120) contains.

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Color

R_YB(181, 137, 120)

Conversions

Conversions Part 1

Format	Color
Hex	B58578
RGB	181, 133, 120
RGB Percent	71%, 52%, 47%
CMY	0.2902, 0.4773, 0.5294
CMYK	0.00, 0.26, 0.34, 0.29
HSL	13°, 29%, 59%
HSV	13°, 34%, 71%
XYZ	30.8742, 28.0357, 21.5535
YIQ	145.8700, 32.7810, 6.1330

Conversions

Conversions Part 2

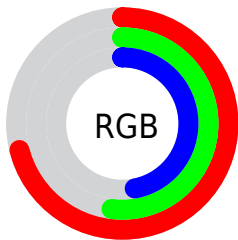
Format	Color
R_{YB}	181, 137, 120
Decimal	11896184
CIE _{Lab}	59.92, 16.46, 14.34
CIE _{LCh}	60, 21.831, 41.056
Yxy	28.0357, 0.3837, 0.3484
Android (android.graphics.Color)	4290086264 (0xFFB58578)
YUV	145.8700, -12.7539, 30.8090
Hunter-Lab	52.9488, 11.4221, 12.9294

Details

The RYB color **181, 137, 120** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **120, 147, 181**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **238, 190, 172**, and **127, 86, 72** is the 20% darker color. If you saturate the color by 10%, you get **181, 124, 102**, and if you desaturate by 10%, it is **181, 149, 138**.

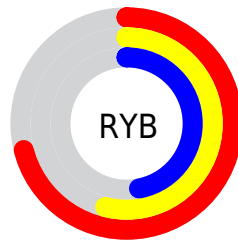
Distribution



Red (71%)

Green (52%)

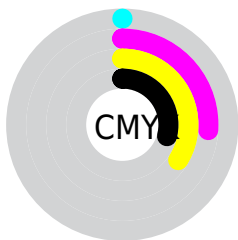
Blue (47%)



Red (71%)

Yellow (54%)

Blue (47%)

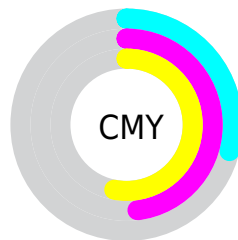


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 137, 120 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 181, 137, 120 by changing the saturation by 10% instead.

 181, 137, 120


255, 255, 255

 238, 191, 172


 255, 219, 200

 250, 255, 228

 181, 137, 120

 153, 112, 95

 127, 86, 72


 101, 63, 49

 75, 41, 28


 52, 23, 2

 30, 0, 1


 0, 0, 0


 181, 137, 120

 181, 124, 102


 181, 137, 120

 181, 149, 138


 181, 111, 84

 181, 164, 156


 181, 98, 66


 181, 177, 174

 181, 85, 48


 181, 186, 192


 181, 73, 29

 181, 194, 211


 181, 58, 11

 181, 202, 229

 181, 50, 0

 181, 210, 247

 181, 216, 255

 181, 218, 255

Harmonies

Analogous

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



183, 131, 138



181, 137, 120



167, 169, 108

Triad

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



181, 137, 120



108, 139, 154



131, 141, 182

Complementary

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



181, 137, 120



120, 147, 181

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.



105, 133, 180



181, 137, 120



92, 125, 155

Square

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



181, 137, 120



115, 151, 136



89, 125, 169



156, 137, 173

Rectangle

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



181, 137, 120



127, 158, 106



89, 125, 169



122, 139, 182

Sweetspot

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



181, 137, 120



235, 217, 211



181, 120, 168



117, 107, 103



245, 245, 245



117, 117, 117

Same Dimension

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



181, 137, 120



235, 166, 141



144, 181, 120



89, 83, 80



153, 42, 0



26, 8, 0

Inverse Universe

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



120, 147, 181



141, 182, 235



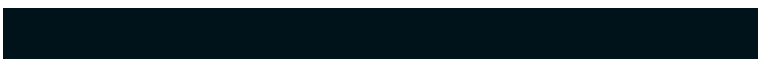
120, 133, 181



80, 84, 89



0, 67, 153



0, 11, 26

Previews

White Background



This preview shows how the RYB color 181, 137, 120 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 181, 137, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

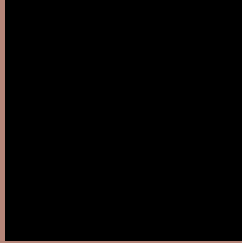
Any Text WCAG AA ✓ Pass

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 181, 137, 120 Background



This preview shows how black text looks on a background with the RYB color 181, 137, 120.



This preview shows how white text looks on a background with the RYB color 181, 137, 120.

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
181, 137, 120

Protanopia
136, 152, 125

Deuteranopia
168, 153, 119



Tritanopia
183, 130, 140

Trichromacy



Original Color

181, 137, 120

Protanomaly

163, 153, 123

Deuteranomaly

173, 146, 119

Tritanomaly

182, 131, 133

Monochromacy



Original Color

181, 137, 120

Achromatopsia

146, 146, 146

Achromatomaly

159, 142, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 137, 120 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(181, 133, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 133, 120)  
}
```

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(181, 133, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 133, 120) }
```

Border

The CSS property to change the border of an element to RYB 181, 137, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

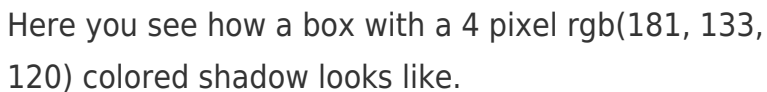
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 133, 120) }
```

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

```
.border{ border-color:rgb(181, 133, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 133, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 133, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 133, 120); box-shadow:4px 4px 4px 4px rgb(181, 133, 120) }
```

Background

The CSS property to change the background color of an element to RYB 181, 137, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 133, 120) }
```

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

```
.background{ background-color: rgb(181,  
133, 120) }
```

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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