

Converting Colors

`RYB(177, 181, 145)`

Have a look what the booklet for
RYB(177, 181, 145) contains.

RYB(177, 181, 145)	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(177, 181, 145)

Conversions

Conversions Part 1

Format	Color
Hex	B5A491
RGB	181, 164, 145
RGB Percent	71%, 64%, 57%
CMY	0.2902, 0.3566, 0.4314
CMYK	0.00, 0.09, 0.20, 0.29
HSL	32°, 20%, 64%
HSV	32°, 20%, 71%
XYZ	37.4529, 38.4401, 32.2338
YIQ	166.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

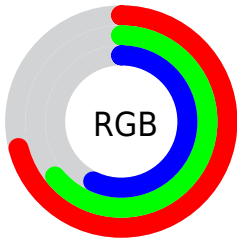
Format	Color
RYB	177, 181, 145
Decimal	11904145
CIELab	68.34, 3.02, 12.13
CIELCh	68, 12.495, 76.034
Yxy	38.4401, 0.3464, 0.3555
Android (android.graphics.Color)	4290094225 (0xFFB5A491)
YUV	166.9170, -10.8051, 12.3508
Hunter-Lab	62.0001, -0.6721, 12.5752

Details

The RYB color **177, 181, 145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 157, 181**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **233, 237, 199**, and **126, 128, 95** is the 20% darker color. If you saturate the color by 10%, you get **174, 181, 127**, and if you desaturate by 10%, it is **177, 181, 163**.

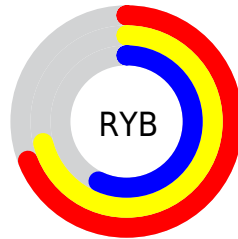
Distribution



Red (71%)

Green (64%)

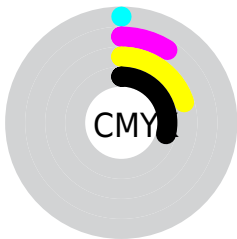
Blue (57%)



Red (69%)

Yellow (71%)

Blue (57%)

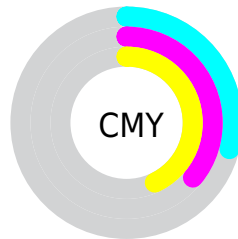


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 181, 145 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 177, 181, 145 by changing the saturation by 10% instead.

 177, 181, 145

255, 255, 255

 233, 237, 199


 238, 255, 227


 177, 181, 145

 148, 154, 119

 126, 128, 95

 97, 102, 71

 71, 78, 48

 48, 55, 27

 20, 34, 1

 0, 0, 0


 177, 181, 145


 174, 181, 127


 177, 181, 145


 177, 181, 163


 173, 181, 109


 181, 181, 181


 170, 181, 91

 181, 187, 199


 170, 181, 73


 181, 193, 217


 168, 181, 54

 181, 199, 235


 164, 181, 36


 181, 204, 254

 164, 181, 18

 181, 208, 255

 160, 181, 0

 181, 211, 255

 181, 214, 255

Harmonies

Analogous

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



189, 165, 151



177, 181, 145



146, 169, 145

Triad

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



177, 181, 145



138, 156, 173



176, 162, 182

Complementary

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



177, 181, 145



145, 157, 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.



162, 165, 188



177, 181, 145



140, 158, 182

Square

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



177, 181, 145



145, 163, 173



149, 162, 188



186, 159, 172

Rectangle

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



177, 181, 145



148, 170, 157



149, 162, 188



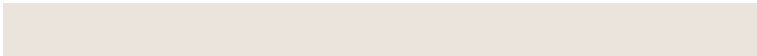
172, 163, 185

Sweetspot

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



177, 181, 145



235, 235, 221



181, 145, 162



117, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



177, 181, 145



229, 235, 178



145, 181, 146



87, 89, 80



136, 153, 0



22, 26, 0

Inverse Universe

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



145, 157, 181



178, 196, 235



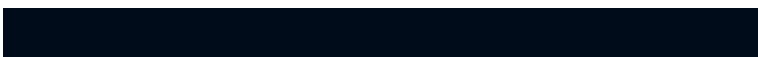
146, 145, 181



80, 83, 89



0, 49, 153



0, 8, 26

Previews

White Background



This preview shows how the RYB color 177, 181, 145 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 177, 181, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

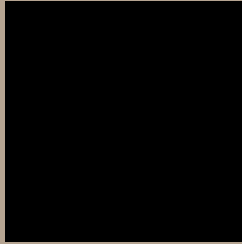
Any Text WCAG AA ✓ Pass

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 177, 181, 145 Background



This preview shows how black text looks on a background with the RYB color 177, 181, 145.



This preview shows how white text looks on a background with the RYB color 177, 181, 145.

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


177, 181, 145

Protanopia

157, 174, 146

Deuteranopia

190, 169, 146



Tritanopia
185, 160, 173

Trichromacy



Original Color

177, 181, 145

Protanomaly

166, 177, 146

Deuteranomaly

187, 172, 146

Tritanomaly

184, 161, 163

Monochromacy



Original Color

177, 181, 145

Achromatopsia

167, 167, 167

Achromatomaly

170, 172, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 181, 145 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, 164, 145) looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 145)  
}
```

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, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 145) }
```

Border

The CSS property to change the border of an element to RYB 177, 181, 145 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, 164, 145) }
```

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

```
.border{ border-color:rgb(181, 164, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 177, 181, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 145) }
```

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

```
.background{ background-color: rgb(181,  
164, 145) }
```

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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