

Converting Colors

`RYB(162, 146, 133)`

Have a look what the booklet for
RYB(162, 146, 133) contains.

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Color

R_YB(162, 146, 133)

Conversions

Conversions Part 1

Format	Color
Hex	A28E85
RGB	162, 142, 133
RGB Percent	64%, 56%, 52%
CMY	0.3647, 0.4432, 0.4784
CMYK	0.00, 0.12, 0.18, 0.36
HSL	19°, 13%, 58%
HSV	19°, 18%, 64%
XYZ	28.8034, 28.7138, 26.2145
YIQ	146.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

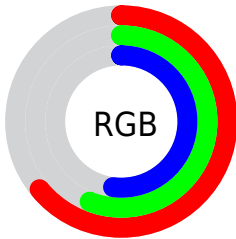
Format	Color
R_{YB}	162, 146, 133
Decimal	10653317
CIE _{Lab}	60.53, 5.98, 7.53
CIE _{LCh}	61, 9.613, 51.518
Yxy	28.7138, 0.3440, 0.3429
Android (android.graphics.Color)	4288843397 (0xFFA28E85)
YUV	146.9540, -6.8793, 13.1953
Hunter-Lab	53.5852, 2.1741, 8.5043

Details

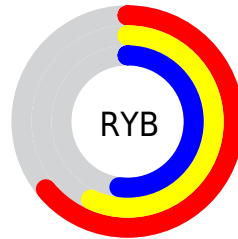
The RYB color **162, 146, 133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133, 145, 162**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **217, 201, 186**, and **110, 96, 84** is the 20% darker color. If you saturate the color by 10%, you get **162, 137, 117**, and if you desaturate by 10%, it is **162, 155, 149**.

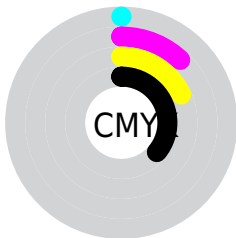
Distribution



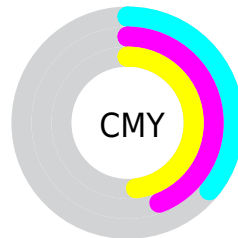
- Red (64%)
- Green (56%)
- Blue (52%)



- Red (64%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 146, 133 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 162, 146, 133 by changing the saturation by 10% instead.

 162, 146, 133

255, 255, 255

 217, 201, 186

 246, 229, 214

 246, 255, 242


 162, 146, 133

 136, 119, 108

 110, 96, 84

 85, 72, 60

 62, 49, 39

 40, 28, 18

 17, 0, 0

 0, 0, 0


 162, 146, 133

 162, 137, 117


 162, 146, 133

 162, 155, 149

 162, 129, 101

 162, 163, 165

 162, 119, 84

 162, 170, 182

 162, 110, 68

 162, 177, 198


 162, 101, 52

 162, 183, 214

 162, 92, 36

 162, 190, 230

 162, 84, 20

 162, 196, 246

 162, 74, 3

 162, 202, 255

 162, 72, 0

 162, 205, 255

Harmonies

Analogous

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



164, 140, 140



162, 146, 133



145, 155, 129

Triad

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



162, 146, 133



129, 142, 151



145, 145, 162

Complementary

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



162, 146, 133



133, 145, 162

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.



134, 143, 162



162, 146, 133



125, 138, 152

Square

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



162, 146, 133



135, 150, 148



127, 140, 159



155, 142, 157

Rectangle

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



162, 146, 133



134, 150, 129



127, 140, 159



141, 145, 162

Sweetspot

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



162, 146, 133



212, 205, 201



162, 133, 153



107, 104, 101



235, 235, 235



107, 107, 107

Same Dimension

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



162, 146, 133



212, 187, 167



141, 162, 133



82, 78, 73



145, 65, 0



18, 9, 0

Inverse Universe

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



133, 145, 162



167, 185, 212



133, 138, 162



73, 77, 82



0, 59, 145



0, 7, 18

Previews

White Background



This preview shows how the RYB color 162, 146, 133 looks on a white background.

Color Contrast Check

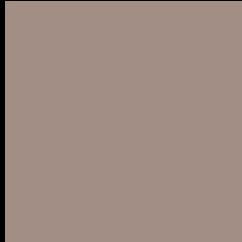
Large Text (above 18pt) WCAG AA ✓ Pass

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 162, 146, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

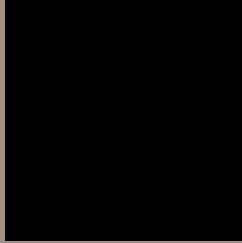
Any Text WCAG AA ✓ Pass

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 162, 146, 133 Background



This preview shows how black text looks on a background with the RYB color 162, 146, 133.



This preview shows how white text looks on a background with the RYB color 162, 146, 133.

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


162, 146, 133

Protanopia

142, 151, 135

Deuteranopia

165, 144, 133



Tritanopia
164, 139, 150

Trichromacy



Original Color

162, 146, 133

Protanomaly

153, 155, 134

Deuteranomaly

164, 144, 133

Tritanomaly

163, 140, 144

Monochromacy



Original Color

162, 146, 133

Achromatopsia

147, 147, 147

Achromatomaly

152, 146, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 146, 133 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(162, 142, 133) looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 133)  
}
```

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(162, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 133) }
```

Border

The CSS property to change the border of an element to RYB 162, 146, 133 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(162, 142, 133) }
```

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

```
.border{ border-color:rgb(162, 142, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 142, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 162, 146, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 142, 133) }
```

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

```
.background{ background-color: rgb(162,  
142, 133) }
```

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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