

Converting Colors

`RYB(162, 162, 140)`

Have a look what the booklet for
RYB(162, 162, 140) contains.

RYB(162, 162, 140)	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(162, 162, 140)

Conversions

Conversions Part 1

Format	Color
Hex	A2978C
RGB	162, 151, 140
RGB Percent	64%, 59%, 55%
CMY	0.3647, 0.4078, 0.4510
CMYK	0.00, 0.07, 0.14, 0.36
HSL	30°, 11%, 59%
HSV	30°, 14%, 64%
XYZ	30.7005, 31.7080, 29.3131
YIQ	153.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

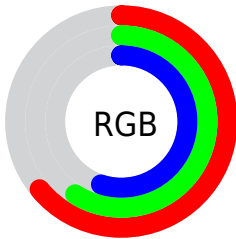
Format	Color
RYB	162, 162, 140
Decimal	10655628
CIELab	63.10, 2.11, 7.24
CIELCh	63, 7.541, 73.752
Yxy	31.7080, 0.3347, 0.3457
Android (android.graphics.Color)	4288845708 (0xFFA2978C)
YUV	153.0350, -6.4263, 7.8623
Hunter-Lab	56.3099, -1.2230, 8.5525

Details

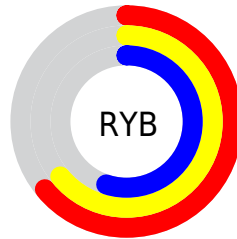
The RYB color **162, 162, 140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 147, 162**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **217, 215, 194**, and **110, 110, 90** is the 20% darker color. If you saturate the color by 10%, you get **162, 162, 124**, and if you desaturate by 10%, it is **162, 162, 156**.

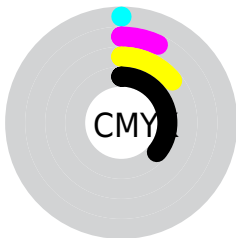
Distribution



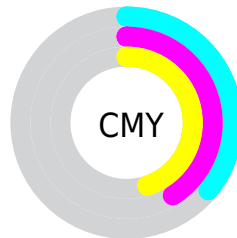
- Red (64%)
- Green (59%)
- Blue (55%)



- Red (64%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (36%)




- Cyan (36%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 162, 140 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, 162, 140 by changing the saturation by 10% instead.


 162, 162, 140

255, 255, 255

 217, 215, 194

 245, 245, 221

 250, 255, 250

 162, 162, 140

 136, 134, 115

 110, 110, 90

 86, 84, 67

 58, 62, 44

 40, 40, 24

 20, 16, 0


 0, 0, 0

 162, 162, 140


 162, 162, 124


 162, 162, 140


 162, 162, 156


 162, 162, 108


 162, 165, 172

 160, 162, 91

 162, 171, 189


 160, 162, 75

 162, 176, 205

 160, 162, 59

 162, 182, 221

 162, 160, 43

 162, 187, 237


 162, 160, 27

 162, 193, 253

 162, 162, 10

 162, 196, 255

 162, 162, 0

 162, 199, 255

Harmonies

Analogous

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



166, 150, 144



162, 162, 140



142, 155, 140

Triad

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



162, 162, 140



137, 147, 157



158, 150, 162

Complementary

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



162, 162, 140



140, 147, 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.



150, 152, 166



162, 162, 140



137, 148, 162

Square

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



162, 162, 140



140, 150, 156



142, 150, 165



164, 149, 157

Rectangle

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



162, 162, 140



141, 155, 146



142, 150, 165



155, 151, 164

Sweetspot

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



162, 162, 140



212, 210, 203



162, 140, 151



107, 105, 102



235, 235, 235



107, 107, 107

Same Dimension

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



162, 162, 140



212, 212, 178



140, 162, 140



80, 82, 73



143, 145, 0



18, 18, 0

Inverse Universe

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



140, 147, 162



178, 189, 212



140, 140, 162



73, 76, 82



0, 49, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 162, 162, 140 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 162, 162, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

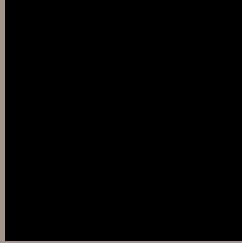
Any Text WCAG AA ✓ Pass

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](#).

R Y B 162, 162, 140 Background



This preview shows how black text looks on a background with the R Y B color 162, 162, 140.



This preview shows how white text looks on a background with the R Y B color 162, 162, 140.

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, 162, 140

Protanopia

150, 158, 141

Deuteranopia

172, 148, 141



Tritanopia
165, 148, 160

Trichromacy



Original Color

162, 162, 140

Protanomaly

152, 159, 141

Deuteranomaly

168, 150, 141

Tritanomaly

164, 149, 153

Monochromacy



Original Color

162, 162, 140

Achromatopsia

153, 153, 153

Achromatomaly

156, 156, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 162, 140 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, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(162, 151, 140)  
}
```

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, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 151, 140) }
```

Border

The CSS property to change the border of an element to RYB 162, 162, 140 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, 151, 140) }
```

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

```
.border{ border-color:rgb(162, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(162, 151,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 162, 162, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 151, 140) }
```

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

```
.background{ background-color: rgb(162,  
151, 140) }
```

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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