

Converting Colors

`RYB(162, 145, 153)`

Have a look what the booklet for RYB(162, 145, 153) contains.

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Color

`RYB(162, 145, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	A29199
RGB	162, 145, 153
RGB Percent	64%, 57%, 60%
CMY	0.3647, 0.4314, 0.4000
CMYK	0.00, 0.10, 0.06, 0.36
HSL	332°, 8%, 60%
HSV	332°, 10%, 64%
XYZ	30.7755, 30.2321, 34.3503
YIQ	150.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

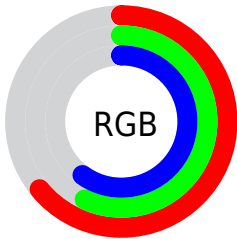
Format	Color
RYB	162, 145, 153
Decimal	10654105
CIELab	61.85, 7.76, -1.92
CIElCh	62, 7.997, 346.110
Yxy	30.2321, 0.3227, 0.3170
Android (android.graphics.Color)	4288844185 (0xFFA29199)
YUV	150.9950, 0.9885, 9.6514
Hunter-Lab	54.9837, 3.6884, 1.4480

Details

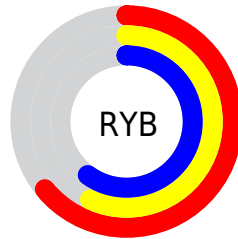
The RYB color **162, 145, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 156, 162**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **217, 199, 207**, and **110, 95, 102** is the 20% darker color. If you saturate the color by 10%, you get **162, 129, 144**, and if you desaturate by 10%, it is **162, 161, 162**.

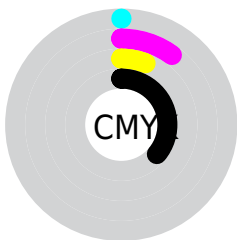
Distribution



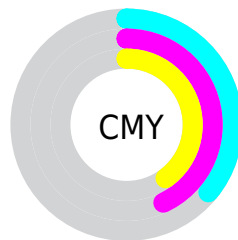
- Red (64%)
- Green (57%)
- Blue (60%)



- Red (64%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 162, 145, 153 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, 145, 153 by changing the saturation by 10% instead.


 162, 145, 153

255, 255, 255

 217, 199, 207

 245, 227, 235


 162, 145, 153


 136, 119, 127

 110, 95, 102

 86, 71, 78


 63, 48, 55

 41, 28, 34


 21, 1, 12

 0, 0, 0

 162, 145, 153

 162, 129, 144

 162, 145, 153

 162, 161, 162

162, 113, 136

162, 172, 177

162, 96, 127

162, 183, 194

162, 80, 119

162, 194, 210

162, 64, 110

162, 204, 226

162, 48, 102

162, 214, 242

162, 32, 93

162, 222, 255

162, 15, 84

162, 219, 255

162, 0, 76

162, 216, 255

Harmonies

Analogous

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



155, 146, 159



162, 145, 153



165, 145, 146

Triad

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



162, 145, 153



137, 151, 136



133, 144, 159

Complementary

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



162, 145, 153



145, 156, 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.



132, 143, 154



162, 145, 153



139, 152, 148

Square

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



162, 145, 153



157, 159, 136



136, 147, 153



139, 147, 163

Rectangle

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



162, 145, 153



165, 146, 141



136, 147, 153



132, 143, 157

Sweetspot

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



162, 145, 153



212, 205, 208



154, 145, 162



107, 103, 105



235, 235, 235



107, 107, 107

Same Dimension

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



162, 145, 153



212, 184, 197



162, 145, 145



82, 73, 77



145, 0, 68



18, 0, 8

Inverse Universe

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



162, 145, 153



212, 184, 197



145, 154, 162



82, 73, 77



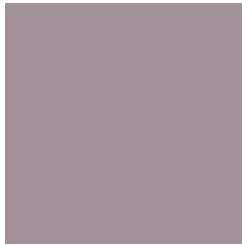
145, 0, 68



18, 0, 8

Previews

White Background



This preview shows how the RYB color 162, 145, 153 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, 145, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

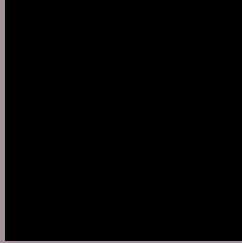
Any Text WCAG AA ✓ Pass

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 162, 145, 153 Background



This preview shows how black text looks on a background with the RYB color 162, 145, 153.



This preview shows how white text looks on a background with the RYB color 162, 145, 153.

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, 145, 153

Protanopia

150, 149, 155

Deuteranopia

162, 145, 153



Tritanopia

162, 145, 156

Trichromacy



Original Color

162, 145, 153

Protanomaly

154, 148, 154

Deuteranomaly

162, 145, 153

Tritanomaly

162, 145, 155

Monochromacy



Original Color

162, 145, 153

Achromatopsia

151, 151, 151

Achromatomaly

155, 149, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 145, 153 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, 145, 153) looks like.

```
.text, #text, p{  
    color:rgb(162, 145, 153)  
}
```

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, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 145, 153) }
```

Border

The CSS property to change the border of an element to RYB 162, 145, 153 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, 145, 153) }
```

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

```
.border{ border-color:rgb(162, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 145,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 162, 145, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 145, 153) }
```

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

```
.background{ background-color: rgb(162,  
145, 153) }
```

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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