Converting Colors

RYB(161, 145, 145)

Have a look what the booklet for RYB(161, 145, 145) contains.

Color

RYB(161, 145, 145)

Conversions

Format	Color
	Conversions Part 1
Hex	A19191
RGB	161, 145, 145
RGB Percent	63%, 57%, 57%
CMY	0.3686, 0.4314, 0.4314
CMYK	0.00, 0.10, 0.10, 0.37
HSL	0°, 8%, 60%
HSV	0°, 10%, 63%
XYZ	29.9342, 29.8722, 30.9763
YIQ	149.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

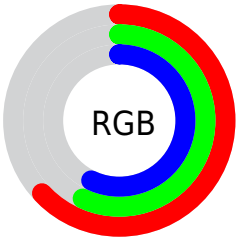
Format	Color
RYB	161, 145, 145
Decimal	10588561
CIELab	61.54, 5.94, 2.16
CIELCh	62, 6.322, 19.955
Yxy	29.8722, 0.3297, 0.3291
Android (android.graphics.Color)	4288778641 (0xFFA19191)
YUV	149.7840, -2.3585, 9.8364
Hunter-Lab	54.6555, 2.1154, 4.6559

Details

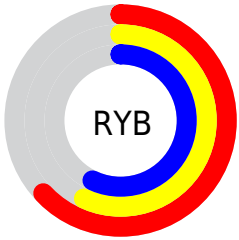
The RYB color 161, 145, 145 is a light color, and the websafe version is hex 999999. A complement of this color would be 145, 153, 161, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 216, 199, 199, and 109, 95, 95 is the 20% darker color. If you saturate the color by 10%, you get 161, 129, 129, and if you desaturate by 10%, it is 161, 161, 161.

Distribution

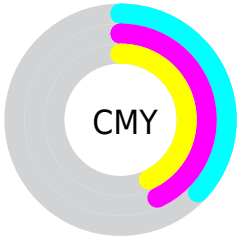


- Red (63%)
- Green (57%)
- Blue (57%)



- Red (63%)
- Yellow (57%)
- Blue (57%)

- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 145, 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 161, 145, 145 by changing the saturation by 10% instead.

161, 145, 145	161, 145, 145
255, 255, 255	135, 119, 119
216, 199, 199	109, 95, 95
244, 227, 227	85, 71, 71
	62, 49, 49
	40, 28, 28
	20, 1, 1
	0, 0, 0

161, 145, 145	161, 145, 145
161, 129, 129	161, 161, 161

161, 113, 113

161, 97, 97

161, 81, 81

161, 65, 65

161, 48, 48

161, 32, 32

161, 16, 16

161, 0, 0

161, 169, 177

161, 177, 193

161, 185, 209

161, 194, 226

161, 202, 242

161, 208, 255

Harmonies

Analogous

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

159, 145, 151

161, 145, 145

160, 149, 140

Triad

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

161, 145, 145

141, 151, 149

141, 147, 159

Complementary

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

161, 145, 145

145, 153, 161

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.

136, 145, 157

161, 145, 145

138, 147, 152

Square

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

161, 145, 145

138, 149, 138

135, 144, 152

148, 148, 159

Rectangle

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

161, 145, 145

157, 155, 138

135, 144, 152

139, 146, 159

Sweetspot

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

161, 145, 145

209, 203, 203

161, 145, 161

105, 100, 100

232, 232, 232

105, 105, 105

Same Dimension

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

161, 145, 145

209, 184, 184

161, 161, 145

82, 73, 73

145, 0, 0

18, 0, 0

Inverse Universe

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

145, 153, 161

184, 197, 209

145, 150, 161

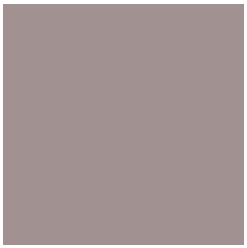
73, 78, 82

0, 73, 145

0, 9, 18

Previews

White Background

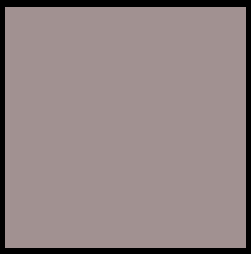


This preview shows how the RYB color 161, 145, 145 looks on a white background.

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



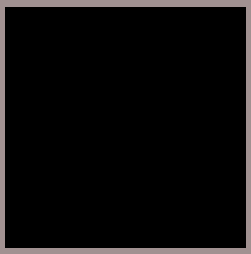
This preview shows how the RYB color 161, 145, 145 looks on a black background.

Color Contrast Check

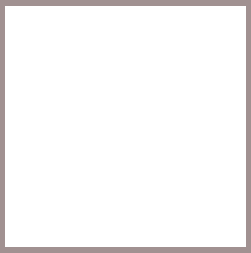
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 161, 145, 145 Background



This preview shows how black text looks on a background with the RYB color 161, 145, 145.



This preview shows how white text looks on a background with the RYB color 161, 145, 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

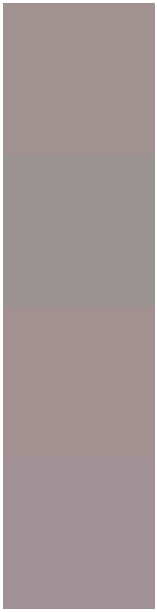
Original Color
161, 145, 145

Protanopia
152, 148, 147

Deuteranopia
164, 144, 145

Tritanopia
162, 143, 155

Trichromacy



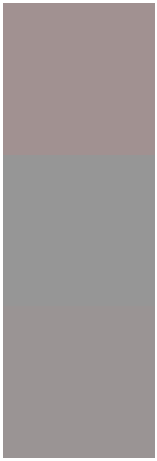
Original Color
161, 145, 145

Protanomaly
155, 147, 146

Deuteranomaly
163, 144, 145

Tritanomaly
162, 144, 151

Monochromacy



Original Color
161, 145, 145

Achromatopsia
150, 150, 150

Achromatomaly
154, 148, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 145, 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(161, 145, 145) looks like.

```
.text, #text, p{
    color:rgb(161, 145, 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(161, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 145) }
```

Border

The CSS property to change the border of an element to RYB 161, 145, 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(161, 145, 145) }
```

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

```
.border{ border-color:rgb(161, 145, 145) }
```

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

Here you see how a box with a 4 pixel rgb(161, 145, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 145, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 145, 145); box-shadow:4px 4px 4px 4px rgb(161, 145, 145) }
```

Background

The CSS property to change the background color of an element to RYB 161, 145, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(161, 145, 145) }
```

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

```
.background{ background-color:rgb(161,
145, 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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