

Converting Colors

`RYB(137, 133, 145)`

Have a look what the booklet for
RYB(137, 133, 145) contains.

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Color

R_YB(137, 133, 145)

Conversions

Conversions Part 1

Format	Color
Hex	898591
RGB	137, 133, 145
RGB Percent	54%, 52%, 57%
CMY	0.4627, 0.4784, 0.4314
CMYK	0.06, 0.08, 0.00, 0.43
HSL	260°, 5%, 55%
HSV	260°, 8%, 57%
XYZ	23.8149, 24.1378, 30.1919
YIQ	135.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

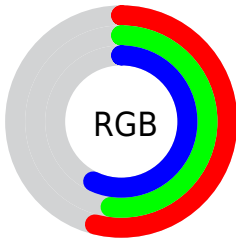
Format	Color
R _Y B	137, 133, 145
Decimal	9012625
CIE Lab	56.23, 3.90, -5.89
CIE LCh	56, 7.065, 303.489
Yxy	24.1378, 0.3048, 0.3089
Android (android.graphics.Color)	4287202705 (0xFF898591)
YUV	135.5640, 4.6519, 1.2594
Hunter-Lab	49.1302, 0.5465, -2.0443

Details

The RYB color **137, 133, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133, 145, 137**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **190, 186, 199**, and **87, 84, 95** is the 20% darker color. If you saturate the color by 10%, you get **127, 119, 145**, and if you desaturate by 10%, it is **145, 148, 146**.

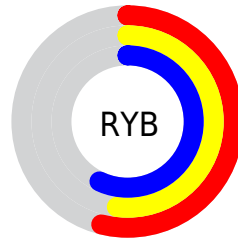
Distribution



Red (54%)

Green (52%)

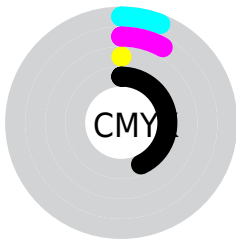
Blue (57%)



Red (54%)

Yellow (52%)

Blue (57%)

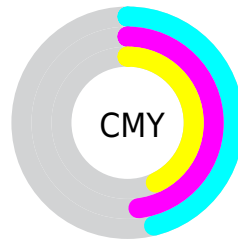


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (46%)

Magenta (48%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 137, 133, 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 137, 133, 145 by changing the saturation by 10% instead.

 137, 133, 145


255, 255, 255

 190, 186, 199

 218, 214, 227

 247, 242, 255

 137, 133, 145

 112, 108, 119

 87, 84, 95

 64, 60, 71


 42, 39, 49

 22, 18, 28

 0, 0, 0

 137, 133, 145

 127, 119, 145

 118, 104, 145

 137, 133, 145

 145, 148, 146

 145, 162, 151

108, 90, 145

145, 177, 156

98, 75, 145

145, 191, 160

89, 61, 145

145, 206, 166

79, 46, 145

145, 220, 170

69, 32, 145

145, 235, 175

60, 17, 145

145, 249, 180

50, 3, 145

145, 255, 176

Harmonies

Analogous

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



129, 134, 147



137, 133, 145



144, 131, 140

Triad

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



137, 133, 145



145, 140, 124



121, 131, 139

Complementary

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



137, 133, 145



133, 145, 137

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.



125, 135, 138



137, 133, 145



128, 139, 123

Square

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



137, 133, 145



148, 132, 128



124, 136, 128



120, 130, 141

Rectangle

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



137, 133, 145



147, 131, 136



124, 136, 128



122, 131, 138

Sweetspot

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



137, 133, 145



186, 185, 189



133, 138, 145



93, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



137, 133, 145



176, 170, 189



143, 133, 145



67, 64, 71



45, 0, 135



3, 0, 8

Inverse Universe

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



145, 133, 141



189, 170, 182



133, 145, 143



71, 64, 69



135, 0, 90



8, 0, 5

Previews

White Background



This preview shows how the RYB color 137, 133, 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 137, 133, 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](#).

RYP 137, 133, 145 Background



This preview shows how black text looks on a background with the RYP color 137, 133, 145.



This preview shows how white text looks on a background with the RYP color 137, 133, 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

137, 133, 145

Protanopia

134, 134, 146

Deuteranopia

143, 131, 145



Tritanopia
137, 133, 144

Trichromacy



Original Color

137, 133, 145

Protanomaly

135, 134, 146

Deuteranomaly

141, 132, 145

Tritanomaly

137, 133, 144

Monochromacy



Original Color

137, 133, 145

Achromatopsia

136, 136, 136

Achromatomaly

136, 135, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 133, 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(137, 133, 145) looks like.

```
.text, #text, p{  
    color:rgb(137, 133, 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(137, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 133, 145) }
```

Border

The CSS property to change the border of an element to RYB 137, 133, 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(137, 133, 145) }
```

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

```
.border{ border-color:rgb(137, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(137, 133,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 137, 133, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 133, 145) }
```

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

```
.background{ background-color: rgb(137,  
133, 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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