

Converting Colors

`RYB(124, 137, 145)`

Have a look what the booklet for
RYB(124, 137, 145) contains.

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Color

R_YB(124, 137, 145)

Conversions

Conversions Part 1

Format	Color
Hex	7C9189
RGB	124, 145, 137
RGB Percent	49%, 57%, 54%
CMY	0.5137, 0.4314, 0.4630
CMYK	0.14, 0.00, 0.06, 0.43
HSL	157°, 9%, 53%
HSV	157°, 14%, 57%
XYZ	22.9474, 26.3398, 27.5126
YIQ	137.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

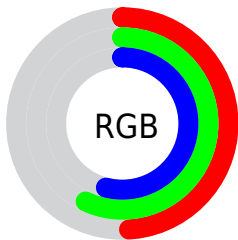
Format	Color
RYB	124, 137, 145
Decimal	8163721
CIELab	58.36, -9.17, 1.76
CIElCh	58, 9.337, 169.117
Yxy	26.3398, 0.2988, 0.3430
Android (android.graphics.Color)	4286353801 (0xFF7C9189)
YUV	137.8090, -0.3988, -12.1105
Hunter-Lab	51.3223, -10.0026, 4.1417

Details

The RYB color **124, 137, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **145, 124, 132**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **177, 191, 199**, and **75, 88, 95** is the 20% darker color. If you saturate the color by 10%, you get **110, 132, 145**, and if you desaturate by 10%, it is **139, 143, 145**.

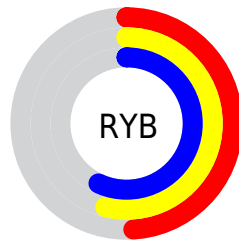
Distribution



Red (49%)

Green (57%)

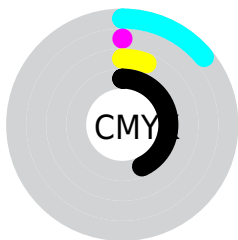
Blue (54%)



Red (49%)

Yellow (54%)

Blue (57%)

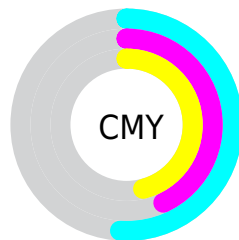


Cyan (14%)

Magenta (0%)

Yellow (6%)

Black (43%)



Cyan (51%)


Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 137, 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 124, 137, 145 by changing the saturation by 10% instead.

 124, 137, 145


255, 255, 255

 177, 191, 199

 204, 218, 227

 232, 246, 255

 124, 137, 145

 99, 111, 119

 75, 88, 95

 52, 64, 71


 30, 41, 48

 9, 20, 28

 0, 0, 0


 124, 137, 145

 110, 132, 145

 95, 126, 145

 124, 137, 145

 139, 143, 145

 153, 145, 148

■ 81, 121, 145

■ 168, 145, 154

■ 66, 115, 145

■ 182, 145, 159

■ 52, 110, 145

■ 196, 145, 165

■ 37, 104, 145

■ 211, 145, 170

■ 23, 99, 145

■ 226, 145, 176

■ 8, 93, 145

■ 240, 145, 182

■ 0, 90, 145

■ 255, 145, 187

Harmonies

Analogous

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



129, 144, 141



124, 137, 145



120, 133, 145

Triad

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



124, 137, 145



138, 139, 156



156, 139, 128

Complementary

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



124, 137, 145



145, 124, 132

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.



158, 135, 135



124, 137, 145



148, 137, 151

Square

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



124, 137, 145



128, 137, 156



155, 135, 144



143, 150, 124

Rectangle

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



124, 137, 145



120, 134, 150



155, 135, 144



157, 138, 130

Sweetspot

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



124, 137, 145



181, 186, 189



124, 145, 137



90, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



124, 137, 145



157, 177, 189



124, 134, 145



64, 68, 71



0, 84, 135



0, 5, 8

Inverse Universe

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



145, 124, 132



189, 157, 169



145, 126, 124



71, 64, 67



135, 0, 52



8, 0, 3

Previews

White Background



This preview shows how the RYB color 124, 137, 145 looks on a white background.

Color Contrast Check

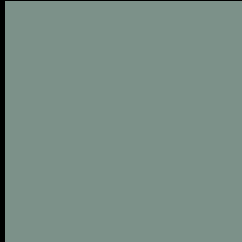
Large Text (above 18pt) WCAG AA ✓ Pass

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 124, 137, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

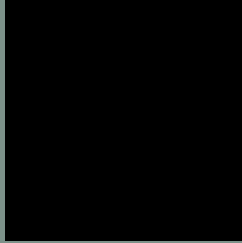
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

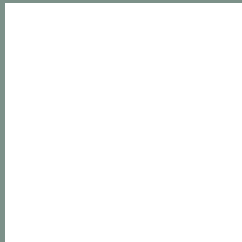
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 124, 137, 145 Background



This preview shows how black text looks on a background with the R Y B color 124, 137, 145.



This preview shows how white text looks on a background with the R Y B color 124, 137, 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





Tritanopia
127, 137, 154

Trichromacy



Original Color

124, 137, 145

Protanomaly

135, 141, 139

Deuteranomaly

143, 139, 138

Tritanomaly

126, 136, 148

Monochromacy



Original Color

124, 137, 145

Achromatopsia

138, 138, 138

Achromatomaly

133, 138, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 137, 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(124, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 137)  
}
```

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(124, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 137) }
```

Border

The CSS property to change the border of an element to RYB 124, 137, 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(124, 145, 137) }
```

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

```
.border{ border-color:rgb(124, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 124, 137, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 137) }
```

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

```
.background{ background-color: rgb(124,  
145, 137) }
```

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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