

Converting Colors

`RYB(120, 135, 135)`

Have a look what the booklet for
RYB(120, 135, 135) contains.

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Color

R_YB(120, 135, 135)

Conversions

Conversions Part 1

Format	Color
Hex	788778
RGB	120, 135, 120
RGB Percent	47%, 53%, 47%
CMY	0.5294, 0.4706, 0.5294
CMYK	0.11, 0.00, 0.11, 0.47
HSL	120°, 6%, 50%
HSV	120°, 11%, 53%
XYZ	19.7999, 22.6771, 21.1028
YIQ	128.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

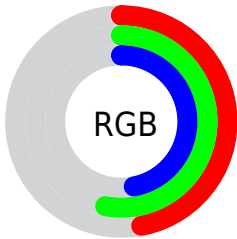
Format	Color
RYB	120, 135, 135
Decimal	7899000
CIELab	54.74, -8.51, 6.22
CIElCh	55, 10.538, 143.822
Yxy	22.6771, 0.3114, 0.3567
Android (android.graphics.Color)	4286089080 (0xFF788778)
YUV	128.8050, -4.3409, -7.7220
Hunter-Lab	47.6205, -9.1182, 7.0602

Details

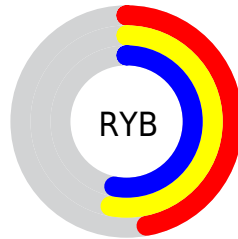
The RYB color `120, 135, 135` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `135, 120, 135`, and the grayscale version is `129, 129, 129`.

A 20% lighter version of the original color is `172, 188, 188`, and `71, 84, 85` is the 20% darker color. If you saturate the color by 10%, you get `107, 135, 135`, and if you desaturate by 10%, it is `134, 135, 135`.

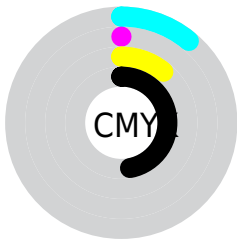
Distribution



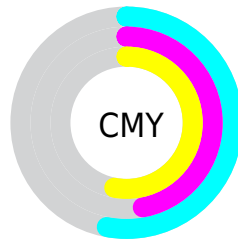
- Red (47%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 135, 135 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 120, 135, 135 by changing the saturation by 10% instead.

■ 120, 135, 135

255, 255, 255

■ 172, 188, 188

■ 200, 216, 216

■ 228, 244, 244

■ 120, 135, 135

■ 95, 110, 110

■ 71, 84, 85

■ 49, 62, 62

■ 28, 40, 40

■ 2, 20, 20

■ 0, 0, 0

■ 120, 135, 135


■ 107, 135, 135


■ 93, 135, 135


■ 120, 135, 135

■ 134, 135, 135


■ 147, 135, 147

 79, 135, 135


 161, 135, 161


 66, 135, 135


 174, 135, 174

 53, 135, 135


 187, 135, 187

 39, 135, 135

 201, 135, 201

 26, 135, 135

 215, 135, 215

 12, 135, 135

 228, 135, 228

 0, 135, 135

 242, 135, 242

Harmonies

Analogous

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



114, 133, 117



120, 135, 135



112, 126, 136

Triad

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



120, 135, 135



119, 128, 149



151, 125, 124

Complementary

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



120, 135, 135



135, 120, 135

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.



148, 125, 133



120, 135, 135



130, 129, 148

Square

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



120, 135, 135



110, 125, 145



141, 127, 142



148, 132, 117

Rectangle

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



120, 135, 135



108, 122, 136



141, 127, 142



150, 125, 127

Sweetspot

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



120, 135, 135



171, 176, 176



120, 135, 120



86, 89, 89



217, 217, 217



89, 89, 89

Same Dimension

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



120, 135, 135



153, 176, 176



120, 130, 135



60, 66, 66



0, 130, 130



0, 3, 3

Inverse Universe

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



135, 120, 135



176, 153, 176



135, 120, 128



66, 60, 66



130, 0, 130



3, 0, 3

Previews

White Background



This preview shows how the RYB color 120, 135, 135 looks on a white background.

Color Contrast Check

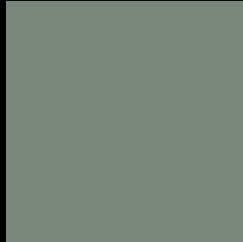
Large Text (above 18pt) WCAG AA ✓ Pass

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 120, 135, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

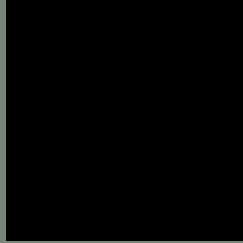
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

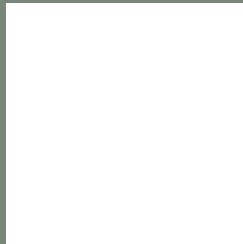
Any Text WCAG AAA × Fail

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

R Y B 120, 135, 135 Background



This preview shows how black text looks on a background with the RYB color 120, 135, 135.



This preview shows how white text looks on a background with the RYB color 120, 135, 135.

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

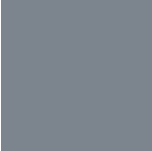
120, 135, 135

Protanopia

127, 136, 118

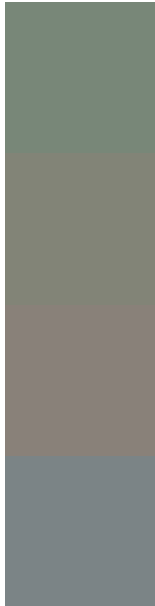
Deuteranopia

147, 127, 122



Tritanopia
124, 130, 142

Trichromacy



Original Color

120, 135, 135

Protanomaly

119, 132, 121

Deuteranomaly

137, 137, 121

Tritanomaly

123, 128, 134

Monochromacy



Original Color

120, 135, 135

Achromatopsia

129, 129, 129

Achromatomaly

126, 131, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 135, 135 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(120, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 135, 120)  
}
```

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(120, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 135, 120) }
```

Border

The CSS property to change the border of an element to RYB 120, 135, 135 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(120, 135, 120) }
```

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

```
.border{ border-color:rgb(120, 135, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 135, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 135,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 120, 135, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 135, 120) }
```

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

```
.background{ background-color: rgb(120,  
135, 120) }
```

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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