

Converting Colors

`RYB(125, 150, 155)`

Have a look what the booklet for
RYB(125, 150, 155) contains.

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Color

R_YB(125, 150, 155)

Conversions

Conversions Part 1

Format	Color
Hex	7D9B83
RGB	125, 155, 131
RGB Percent	49%, 61%, 51%
CMY	0.5098, 0.3922, 0.4863
CMYK	0.19, 0.00, 0.15, 0.39
HSL	132°, 13%, 55%
HSV	132°, 19%, 61%
XYZ	24.2755, 29.4414, 25.8760
YIQ	143.2940, -10.1760, -13.8240

Conversions

Conversions Part 2

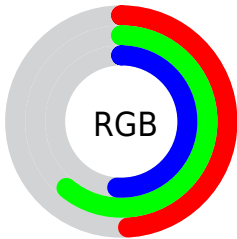
Format	Color
RYB	125, 150, 155
Decimal	8231811
CIELab	61.17, -15.39, 9.17
CIElCh	61, 17.915, 149.220
Yxy	29.4414, 0.3050, 0.3699
Android (android.graphics.Color)	4286421891 (0xFF7D9B83)
YUV	143.2940, -6.0609, -16.0438
Hunter-Lab	54.2599, -15.0951, 9.7071

Details

The RYB color **125, 150, 155** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **155, 125, 149**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **178, 205, 210**, and **76, 99, 104** is the 20% darker color. If you saturate the color by 10%, you get **110, 148, 155**, and if you desaturate by 10%, it is **140, 153, 155**.

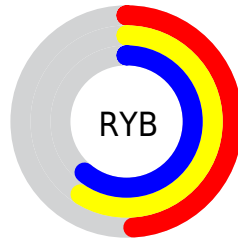
Distribution



Red (49%)

Green (61%)

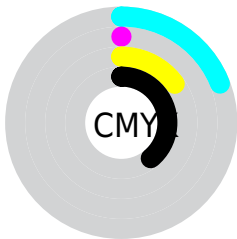
Blue (51%)



Red (49%)

Yellow (59%)

Blue (61%)

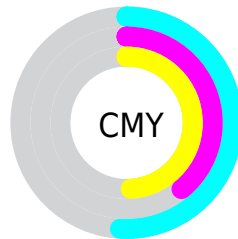


Cyan (19%)

Magenta (0%)

Yellow (15%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 150, 155 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 125, 150, 155 by changing the saturation by 10% instead.

 125, 150, 155

255, 255, 255

 178, 205, 210

 206, 233, 238

 234, 250, 255

 125, 150, 155

 100, 124, 129

 76, 99, 104

 52, 74, 80

 30, 51, 57

 9, 29, 35

 0, 8, 8


 0, 0, 0

 125, 150, 155


 110, 148, 155


 125, 150, 155


 140, 153, 155

 94, 145, 155


 156, 155, 156

 78, 142, 155


 171, 155, 168


 63, 140, 155


 187, 155, 181

 48, 137, 155

 203, 155, 193

 32, 134, 155

 218, 155, 205

 17, 132, 155

 233, 155, 218

 1, 129, 155

 249, 155, 230

 0, 129, 155

 255, 155, 243

Harmonies

Analogous

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



120, 151, 128



125, 150, 155



110, 136, 157

Triad

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



125, 150, 155



129, 143, 179



180, 137, 133

Complementary

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



125, 150, 155



155, 125, 149

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.



179, 137, 149



125, 150, 155



150, 144, 175

Square

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



125, 150, 155



111, 137, 174



168, 139, 164



174, 153, 121

Rectangle

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



125, 150, 155



105, 131, 157



168, 139, 164



181, 137, 138

Sweetspot

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



125, 150, 155



189, 199, 201



125, 155, 131



95, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



125, 150, 155



155, 193, 201



125, 143, 155



69, 76, 77



0, 117, 140



0, 11, 13

Inverse Universe

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



155, 125, 149



201, 155, 192



155, 125, 134



77, 69, 75



140, 0, 112



13, 0, 10

Previews

White Background



This preview shows how the RYB color 125, 150, 155 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 125, 150, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

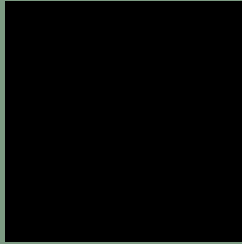
Any Text WCAG AA ✓ Pass

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 125, 150, 155 Background



This preview shows how black text looks on a background with the RYB color 125, 150, 155.



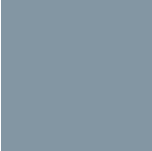
This preview shows how white text looks on a background with the RYB color 125, 150, 155.

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
131, 143, 163

Trichromacy



Original Color
125, 150, 155

Protanomaly
128, 150, 134

Deuteranomaly
138, 151, 133

Tritanomaly
129, 141, 152

Monochromacy



Original Color
125, 150, 155

Achromatopsia
143, 143, 143

Achromatomaly
136, 145, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 150, 155 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(125, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(125, 155, 131)  
}
```

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(125, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 155, 131) }
```

Border

The CSS property to change the border of an element to RYB 125, 150, 155 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(125, 155, 131) }
```

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

```
.border{ border-color:rgb(125, 155, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 155, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 155, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 155, 131);  
box-shadow:4px 4px 4px 4px rgb(125, 155,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 125, 150, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 155, 131) }
```

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

```
.background{ background-color: rgb(125,  
155, 131) }
```

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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