

Converting Colors

RGB(153, 154, 173)

Have a look what the booklet for
RGB(153, 154, 173) contains.

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Color

RGB(153, 154, 173)

Conversions

Conversions Part 1

Format	Color
Hex	999AAD
RGB	153, 154, 173
RGB Percent	60%, 60%, 68%
CMY	0.4000, 0.3961, 0.3216
CMYK	0.12, 0.11, 0.00, 0.32
HSL	237°, 11%, 64%
HSV	237°, 12%, 68%
XYZ	32.2353, 32.9006, 44.1866
YIQ	155.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

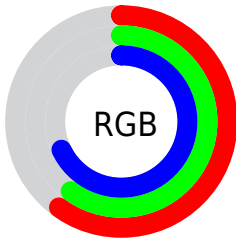
Format	Color
RYB	153, 154, 173
Decimal	10066605
CIELab	64.08, 3.51, -10.00
CIELCh	64, 10.601, 289.346
Yxy	32.9006, 0.2949, 0.3010
Android (android.graphics.Color)	4288256685 (0xFF999AAD)
YUV	155.8670, 8.4466, -2.5144
Hunter-Lab	57.3591, -0.0630, -5.5228

Details

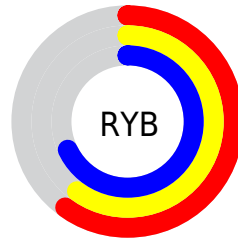
The RGB color **153, 154, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 172, 153**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **207, 208, 228**, and **102, 103, 121** is the 20% darker color. If you saturate the color by 10%, you get **136, 138, 173**, and if you desaturate by 10%, it is **170, 170, 173**.

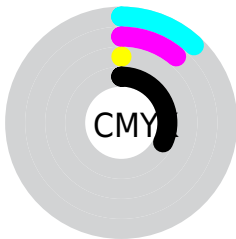
Distribution



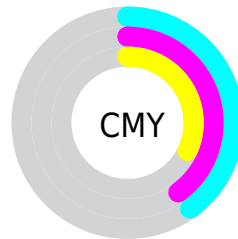
- Red (60%)
- Green (60%)
- Blue (68%)



- Red (60%)
- Yellow (60%)
- Blue (68%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 154, 173 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 RGB color 153, 154, 173 by changing the saturation by 10% instead.

 153, 154, 173


255, 255, 255


 207, 208, 228


 236, 237, 255

 153, 154, 173

 127, 128, 146

 102, 103, 121


 78, 79, 96

 55, 56, 72


 33, 35, 50

 12, 13, 29

 0, 0, 0

 153, 154, 173

 136, 138, 173

 153, 154, 173

 170, 170, 173

■ 118, 121, 173

■ 188, 187, 173

■ 101, 105, 173

■ 205, 203, 173

■ 84, 88, 173

■ 222, 220, 173

■ 66, 72, 173

■ 239, 236, 173

■ 49, 55, 173

■ 255, 253, 173

■ 32, 39, 173

■ 255, 255, 173

■ 15, 23, 173

■ 0, 9, 173

Harmonies

Analogous

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



141, 157, 174



153, 154, 173



164, 151, 168

Triad

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



153, 154, 173



173, 151, 141



136, 161, 151

Complementary

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



153, 154, 173



173, 172, 153

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.



146, 159, 143



153, 154, 173



166, 153, 137

Square

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



153, 154, 173



176, 149, 149



156, 157, 137



132, 161, 161

Rectangle

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



153, 154, 173



170, 150, 162



156, 157, 137



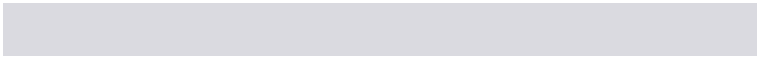
139, 160, 148

Sweetspot

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



153, 154, 173



218, 218, 224



153, 173, 172



108, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



153, 154, 173



193, 195, 224



162, 153, 173



78, 78, 87



0, 8, 150



0, 1, 23

Inverse Universe

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



173, 153, 154



224, 193, 195



164, 173, 153



87, 78, 78



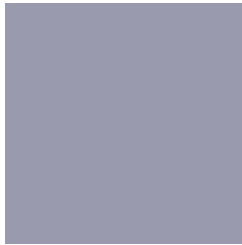
150, 0, 8



23, 0, 1

Previews

White Background



This preview shows how the RGB color 153, 154, 173 looks on a white background.

Color Contrast Check

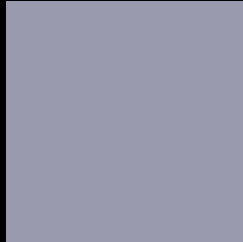
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 153, 154, 173 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 ✓ Pass

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

RGB 153, 154, 173 Background



This preview shows how black text looks on a background with the RGB color 153, 154, 173.



This preview shows how white text looks on a background with the RGB color 153, 154, 173.

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

[153](#), [154](#), [173](#)

Protanopia

[153](#), [154](#), [173](#)

Deuteranopia

[162](#), [151](#), [174](#)



Tritanopia

152, 155, 167

Trichromacy



Original Color

153, 154, 173

Protanomaly

153, 154, 173

Deuteranomaly

159, 152, 174

Tritanomaly

152, 155, 169

Monochromacy



Original Color

153, 154, 173

Achromatopsia

156, 156, 156

Achromatomaly

155, 155, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 154, 173 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(153, 154, 173) looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 173)  
}
```

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(153, 154, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 173) }
```

Border

The CSS property to change the border of an element to RGB 153, 154, 173 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(153, 154, 173) }
```

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

```
.border{ border-color:rgb(153, 154, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 153, 154, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 173) }
```

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

```
.background{ background-color: rgb(153,  
154, 173) }
```

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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