

Converting Colors

RGB(117, 137, 163)

Have a look what the booklet for
RGB(117, 137, 163) contains.

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Color

RGB(117, 137, 163)

Conversions

Conversions Part 1

Format	Color
Hex	7589A3
RGB	117, 137, 163
RGB Percent	46%, 54%, 64%
CMY	0.5412, 0.4627, 0.3608
CMYK	0.28, 0.16, 0.00, 0.36
HSL	214°, 20%, 55%
HSV	214°, 28%, 64%
XYZ	22.8926, 24.3176, 38.1375
YIQ	133.9840, -20.2660, 3.8460

Conversions

Conversions Part 2

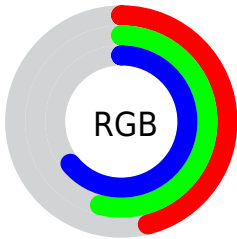
Format	Color
R_{YB}	117, 131, 163
Decimal	7702947
CIE _{Lab}	56.40, -1.00, -16.15
CIE _{LCh}	56, 16.177, 266.472
Yxy	24.3176, 0.2682, 0.2849
Android (android.graphics.Color)	4285893027 (0xFF7589A3)
YUV	133.9840, 14.3049, -14.8950
Hunter-Lab	49.3129, -3.4319, -11.3346

Details

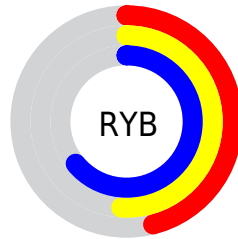
The RGB color **117, 137, 163** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **163, 143, 117**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **170, 190, 218**, and **67, 87, 111** is the 20% darker color. If you saturate the color by 10%, you get **101, 128, 163**, and if you desaturate by 10%, it is **133, 146, 163**.

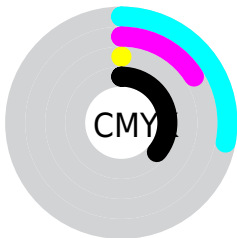
Distribution



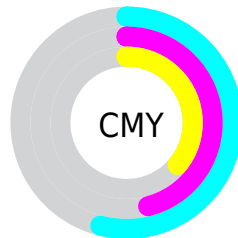
- Red (46%)
- Green (54%)
- Blue (64%)



- Red (46%)
- Yellow (51%)
- Blue (64%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (54%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 137, 163 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 117, 137, 163 by changing the saturation by 10% instead.

■ 117, 137, 163

255, 255, 255

■ 170, 190, 218

■ 198, 218, 246

■ 226, 247, 255

255, 255, 255

■ 117, 137, 163

■ 101, 128, 163

■ 117, 137, 163

■ 92, 112, 137

■ 67, 87, 111

■ 43, 64, 87

■ 20, 42, 63

■ 0, 22, 41

■ 0, 1, 21

■ 0, 0, 0

■ 117, 137, 163

■ 133, 146, 163

■ 84, 119, 163

■ 150, 155, 163

■ 68, 109, 163

■ 166, 165, 163

■ 52, 100, 163

■ 182, 174, 163

■ 36, 91, 163

■ 199, 183, 163

■ 19, 82, 163

■ 215, 192, 163

■ 3, 73, 163

■ 231, 201, 163

■ 0, 71, 163

■ 247, 211, 163

■ 255, 220, 163

Harmonies

Analogous

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



102, 141, 158



117, 137, 163



136, 132, 160

Triad

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



117, 137, 163



165, 126, 123



117, 142, 119

Complementary

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



117, 137, 163



163, 143, 117

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.



133, 138, 110



117, 137, 163



159, 129, 112

Square

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



117, 137, 163



162, 126, 137



148, 134, 107



103, 143, 133

Rectangle

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



117, 137, 163



147, 129, 155



148, 134, 107



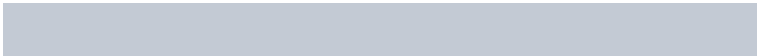
122, 141, 116

Sweetspot

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



117, 137, 163



195, 202, 212



117, 163, 142



96, 101, 107



235, 235, 235



107, 107, 107

Same Dimension

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



117, 137, 163



140, 171, 212



119, 117, 163



73, 77, 82



0, 63, 145



0, 8, 18

Inverse Universe

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



163, 117, 137



212, 140, 171



161, 163, 117



82, 73, 77



145, 0, 63



18, 0, 8

Previews

White Background



This preview shows how the RGB color 117, 137, 163 looks on a white background.

Color Contrast Check

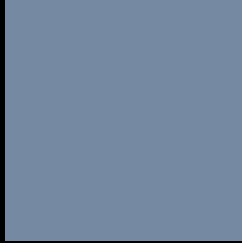
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 117, 137, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

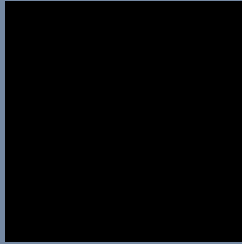
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

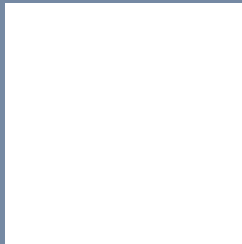
Any Text WCAG AAA × Fail

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

RGB 117, 137, 163 Background



This preview shows how black text looks on a background with the RGB color 117, 137, 163.



This preview shows how white text looks on a background with the RGB color 117, 137, 163.

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
117, 137, 163

Protanopia
129, 134, 161

Deuteranopia
134, 132, 164



Tritanopia
114, 139, 150

Trichromacy



Original Color
117, 137, 163

Protanomaly
125, 135, 162

Deuteranomaly
128, 134, 164

Tritanomaly
115, 138, 155

Monochromacy



Original Color
117, 137, 163

Achromatopsia
134, 134, 134

Achromatomaly
128, 135, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 137, 163 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(117, 137, 163)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 163)  
}
```

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(117, 137, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 163) }
```

Border

The CSS property to change the border of an element to RGB 117, 137, 163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

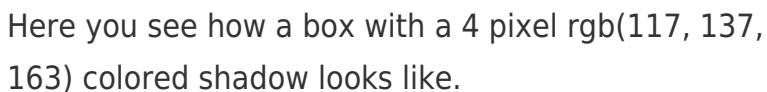
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 137, 163) }
```

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

```
.border{ border-color:rgb(117, 137, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 137, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 137, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 137, 163); box-shadow:4px 4px 4px 4px rgb(117, 137, 163) }
```

Background

The CSS property to change the background color of an element to RGB 117, 137, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 163) }
```

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

```
.background{ background-color: rgb(117,  
137, 163) }
```

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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