

Converting Colors

R_YB(79, 97, 120)

Have a look what the booklet for
RYB(79, 97, 120) contains.

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Color

R_YB(79, 97, 120)

Conversions

Conversions Part 1

Format	Color
Hex	4F6F78
RGB	79, 111, 120
RGB Percent	31%, 44%, 47%
CMY	0.6902, 0.5644, 0.5294
CMYK	0.34, 0.07, 0.00, 0.53
HSL	193°, 21%, 39%
HSV	193°, 34%, 47%
XYZ	12.3085, 14.4062, 19.9012
YIQ	102.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

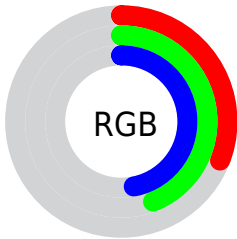
Format	Color
R_{YB}	79, 97, 120
Decimal	5205880
CIE _{Lab}	44.81, -9.15, -8.66
CIE _{LCh}	45, 12.594, 223.424
Yxy	14.4062, 0.2640, 0.3090
Android (android.graphics.Color)	4283395960 (0xFF4F6F78)
YUV	102.4580, 8.6482, -20.5727
Hunter-Lab	37.9555, -8.5365, -4.5187

Details

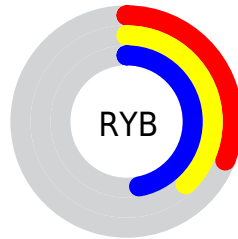
The RYB color **79, 97, 120** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **120, 91, 79**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **130, 148, 172**, and **31, 49, 72** is the 20% darker color. If you saturate the color by 10%, you get **67, 90, 120**, and if you desaturate by 10%, it is **91, 104, 120**.

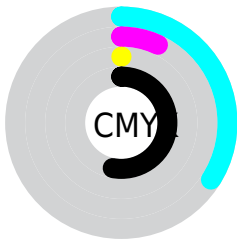
Distribution



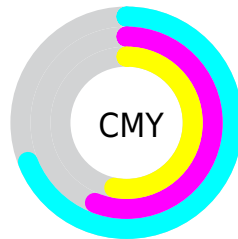
- Red (31%)
- Green (44%)
- Blue (47%)



- Red (31%)
- Yellow (38%)
- Blue (47%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 97, 120 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 79, 97, 120 by changing the saturation by 10% instead.



79, 97, 120



79, 97, 120

255, 255, 255



55, 73, 95



130, 148, 172



31, 49, 72



156, 175, 200



6, 25, 49



183, 203, 228



0, 12, 28



211, 230, 255



0, 0, 0



240, 248, 255



79, 97, 120



79, 97, 120



67, 90, 120



91, 104, 120



55, 84, 120



103, 110, 120

■ 43, 77, 120

■ 115, 117, 120

■ 31, 70, 120

■ 127, 123, 120

■ 19, 63, 120

■ 139, 125, 120

■ 7, 56, 120

■ 151, 129, 120

■ 0, 53, 120

■ 163, 131, 120

■ 175, 135, 120

■ 187, 139, 120

Harmonies

Analogous

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



79, 96, 112



79, 97, 120



87, 101, 126

Triad

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



79, 97, 120



124, 99, 112



88, 109, 86

Complementary

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



79, 97, 120



120, 91, 79

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.



120, 120, 86



79, 97, 120



128, 99, 102

Square

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



79, 97, 120



114, 102, 121



126, 102, 92



91, 110, 104

Rectangle

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



79, 97, 120



96, 104, 127



126, 102, 92



94, 113, 85

Sweetspot

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



79, 97, 120



140, 147, 156



79, 113, 120



70, 74, 79



207, 207, 207



79, 79, 79

Same Dimension

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



79, 97, 120



92, 120, 156



79, 88, 120



55, 58, 61



0, 55, 125



0, 111, 252

Inverse Universe

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



120, 79, 111



156, 92, 142



96, 120, 79



61, 55, 60



125, 0, 98



252, 0, 198

Previews

White Background



This preview shows how the RYB color 79, 97, 120 looks on a white 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

Black Background



This preview shows how the RYB color 79, 97, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

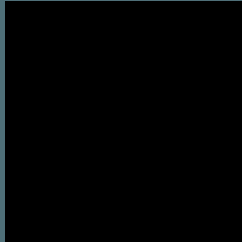
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

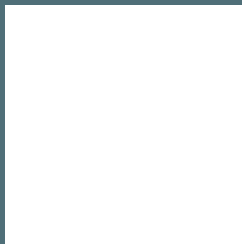
Any Text WCAG AAA × Fail

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

R Y B 79, 97, 120 Background



This preview shows how black text looks on a background with the R Y B color 79, 97, 120.

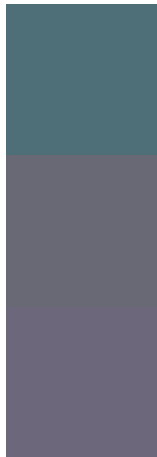


This preview shows how white text looks on a background with the R Y B color 79, 97, 120.

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
79, 97, 120

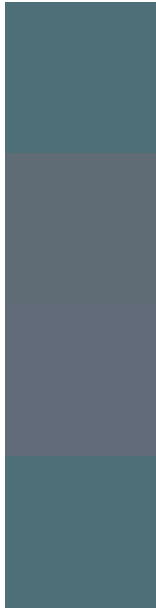
Protanopia
104, 105, 116

Deuteranopia
108, 103, 122



Tritanopia
79, 97, 120

Trichromacy



Original Color

79, 97, 120

Protanomaly

95, 103, 117

Deuteranomaly

97, 104, 121

Tritanomaly

79, 97, 120

Monochromacy



Original Color

79, 97, 120

Achromatopsia

103, 103, 103

Achromatomaly

94, 101, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 97, 120 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(79, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(79, 111, 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(79, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 111, 120) }
```

Border

The CSS property to change the border of an element to RYB 79, 97, 120 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(79, 111, 120) }
```

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

```
.border{ border-color:rgb(79, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(79, 111,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 79, 97, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 111, 120) }
```

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

```
.background{ background-color: rgb(79, 111,  
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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