

Converting Colors

R_YB(91, 97, 113)

Have a look what the booklet for
RYB(91, 97, 113) contains.

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Color

R_YB(91, 97, 113)

Conversions

Conversions Part 1

Format	Color
Hex	5B6371
RGB	91, 99, 113
RGB Percent	36%, 39%, 44%
CMY	0.6431, 0.6108, 0.5569
CMYK	0.19, 0.12, 0.00, 0.56
HSL	218°, 11%, 40%
HSV	218°, 19%, 44%
XYZ	11.7806, 12.3875, 17.3929
YIQ	98.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

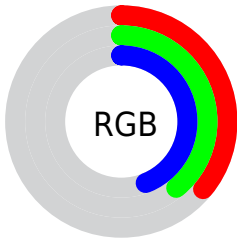
Format	Color
R _Y B	91, 97, 113
Decimal	5989233
CIE Lab	41.83, 0.05, -8.82
CIE LCh	42, 8.819, 270.303
Yxy	12.3875, 0.2835, 0.2981
Android (android.graphics.Color)	4284179313 (0xFF5B6371)
YUV	98.2040, 7.2944, -6.3179
Hunter-Lab	35.1959, -1.8463, -4.6624

Details

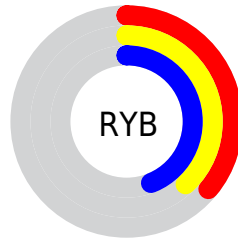
The RYB color **91, 97, 113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104, 113, 91**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **141, 148, 165**, and **45, 51, 65** is the 20% darker color. If you saturate the color by 10%, you get **80, 89, 113**, and if you desaturate by 10%, it is **102, 105, 113**.

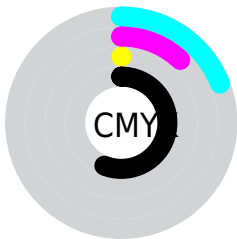
Distribution



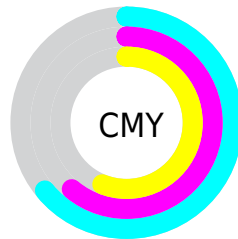
- Red (36%)
- Green (39%)
- Blue (44%)



- Red (36%)
- Yellow (38%)
- Blue (44%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 97, 113 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 91, 97, 113 by changing the saturation by 10% instead.



91, 97, 113



91, 97, 113

255, 255, 255



67, 73, 89



141, 148, 165



45, 51, 65



168, 175, 192



24, 30, 43



195, 202, 220



0, 5, 23



223, 230, 248



0, 0, 0



252, 254, 255



91, 97, 113



91, 97, 113



80, 89, 113



102, 105, 113



68, 80, 113



114, 113, 113

■ 57, 72, 113

■ 122, 125, 113

■ 46, 64, 113

■ 125, 136, 113

■ 35, 56, 113

■ 134, 148, 113

■ 23, 48, 113

■ 140, 159, 113

■ 12, 40, 113

■ 146, 170, 113

■ 1, 32, 113

■ 153, 181, 113

■ 0, 31, 113

■ 161, 193, 113

Harmonies

Analogous

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



83, 94, 111



91, 97, 113



100, 97, 111

Triad

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



91, 97, 113



114, 94, 92



88, 100, 102

Complementary

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



91, 97, 113



104, 113, 91

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.



86, 100, 90



91, 97, 113



111, 103, 86

Square

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



91, 97, 113



113, 94, 99



95, 105, 84



82, 94, 103

Rectangle

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



91, 97, 113



106, 95, 108



95, 105, 84



89, 102, 100

Sweetspot

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



91, 97, 113



139, 141, 148



91, 104, 113



69, 70, 74



201, 201, 201



74, 74, 74

Same Dimension

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



91, 97, 113



114, 123, 148



94, 91, 113



50, 52, 56



0, 33, 120



0, 68, 247

Inverse Universe

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



113, 91, 99



148, 114, 127



91, 113, 94



56, 50, 53



120, 0, 45



247, 0, 93

Previews

White Background



This preview shows how the RYB color 91, 97, 113 looks on a white background.

Color Contrast Check

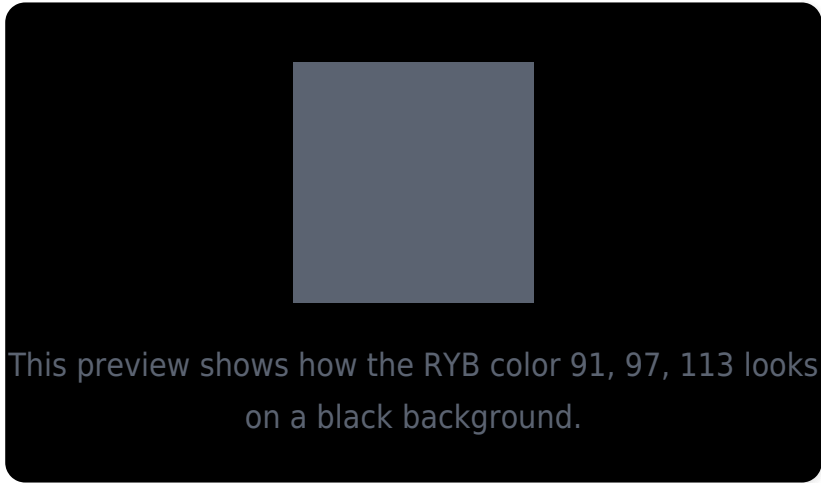
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

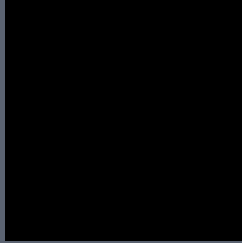
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

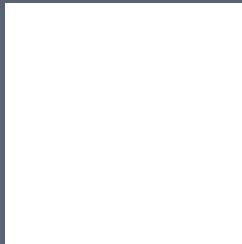
Any Text WCAG AAA × Fail

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

RYB 91, 97, 113 Background



This preview shows how black text looks on a background with the RYB color 91, 97, 113.

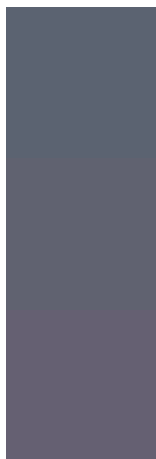


This preview shows how white text looks on a background with the RYB color 91, 97, 113.

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

[91](#), [97](#), [113](#)

Protanopia

[96](#), [98](#), [112](#)

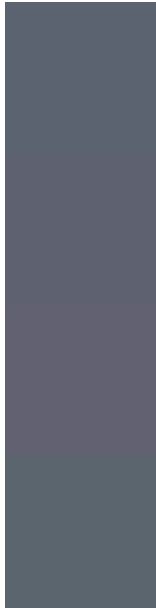
Deuteranopia

[101](#), [96](#), [114](#)



Tritanopia
90, 96, 108

Trichromacy



Original Color

91, 97, 113

Protanomaly

94, 97, 112

Deuteranomaly

97, 97, 114

Tritanomaly

90, 97, 110

Monochromacy



Original Color

91, 97, 113

Achromatopsia

98, 98, 98

Achromatomaly

95, 97, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 97, 113 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(91, 99, 113) looks like.

```
.text, #text, p{  
    color:rgb(91, 99, 113)  
}
```

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(91, 99, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 99, 113) }
```

Border

The CSS property to change the border of an element to RYB 91, 97, 113 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(91, 99, 113) }
```

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

```
.border{ border-color:rgb(91, 99, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 99, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 99, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 99, 113);  
box-shadow:4px 4px 4px 4px rgb(91, 99,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 91, 97, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 99, 113) }
```

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

```
.background{ background-color: rgb(91, 99,  
113) }
```

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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