

Converting Colors

R_YB(98, 99, 113)

Have a look what the booklet for
RYB(98, 99, 113) contains.

RYB(98, 99, 113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R Y B (9 8 , 9 9 , 1 1 3)

Conversions

Conversions Part 1

Format	Color
Hex	626371
RGB	98, 99, 113
RGB Percent	38%, 39%, 44%
CMY	0.6157, 0.6115, 0.5569
CMYK	0.13, 0.12, 0.00, 0.56
HSL	236°, 7%, 41%
HSV	236°, 13%, 44%
XYZ	12.4862, 12.7261, 17.4211
YIQ	100.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

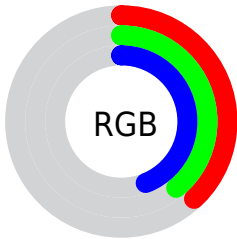
Format	Color
R_{YB}	98, 99, 113
Decimal	6447985
CIE _{Lab}	42.35, 2.68, -7.98
CIE _{LCh}	42, 8.414, 288.554
Yxy	12.7261, 0.2929, 0.2985
Android (android.graphics.Color)	4284638065 (0xFF626371)
YUV	100.2970, 6.2626, -2.0145
Hunter-Lab	35.6737, 0.0482, -3.9824

Details

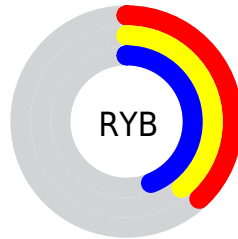
The RYB color **98, 99, 113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99, 113, 98**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **149, 150, 165**, and **51, 53, 65** is the 20% darker color. If you saturate the color by 10%, you get **87, 89, 113**, and if you desaturate by 10%, it is **109, 110, 113**.

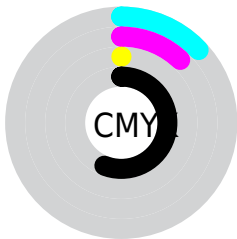
Distribution



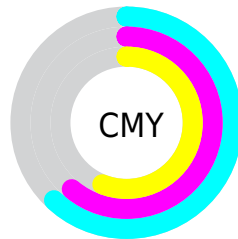
- Red (38%)
- Green (39%)
- Blue (44%)



- Red (38%)
- Yellow (39%)
- Blue (44%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 99, 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 98, 99, 113 by changing the saturation by 10% instead.



98, 99, 113



98, 99, 113

255, 255, 255



74, 75, 89



149, 150, 165



51, 53, 65



175, 176, 192



30, 32, 43



203, 204, 220



6, 7, 23



231, 232, 248



0, 0, 0



98, 99, 113



98, 99, 113



87, 89, 113



109, 110, 113



75, 78, 113



114, 121, 113



64, 68, 113



114, 132, 113

■ 53, 57, 113

■ 115, 143, 113

■ 42, 47, 113

■ 116, 155, 113

■ 30, 36, 113

■ 117, 166, 113

■ 19, 26, 113

■ 117, 177, 113

■ 8, 15, 113

■ 118, 188, 113

■ 0, 7, 113

■ 119, 200, 113

Harmonies

Analogous

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



90, 97, 113



98, 99, 113



106, 97, 109

Triad

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



98, 99, 113



113, 100, 90



86, 97, 104

Complementary

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



98, 99, 113



99, 113, 98

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.



91, 103, 101



98, 99, 113



103, 108, 87

Square

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



98, 99, 113



115, 95, 96



87, 101, 87



83, 94, 104

Rectangle

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



98, 99, 113



111, 96, 105



87, 101, 87



88, 99, 104

Sweetspot

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



98, 99, 113



142, 142, 148



98, 106, 113



70, 71, 74



201, 201, 201



74, 74, 74

Same Dimension

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



98, 99, 113



124, 126, 148



104, 98, 113



50, 51, 56



0, 8, 120



0, 17, 247

Inverse Universe

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



113, 98, 99



148, 124, 126



98, 113, 104



56, 50, 51



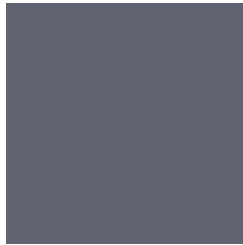
120, 0, 9



247, 0, 18

Previews

White Background



This preview shows how the RYB color 98, 99, 113 looks on a white background.

Color Contrast Check

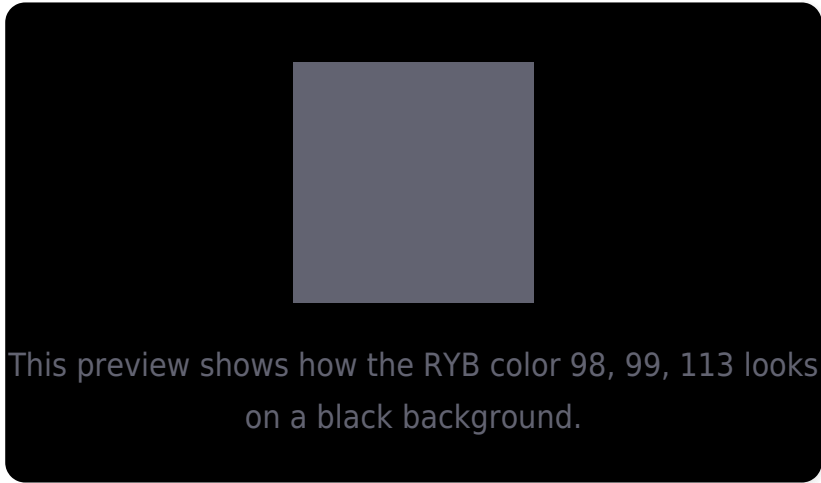
Large Text (above 18pt) WCAG AA ✓ Pass

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

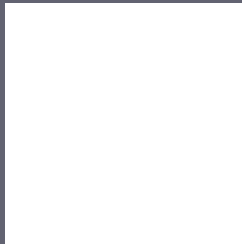
Any Text WCAG AAA × Fail

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

RYB 98, 99, 113 Background



This preview shows how black text looks on a background with the RYB color 98, 99, 113.



This preview shows how white text looks on a background with the RYB color 98, 99, 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

98, 99, 113

Protanopia

98, 99, 113

Deuteranopia

103, 97, 113



Tritanopia
97, 99, 108

Trichromacy



Original Color

98, 99, 113

Protanomaly

98, 99, 113

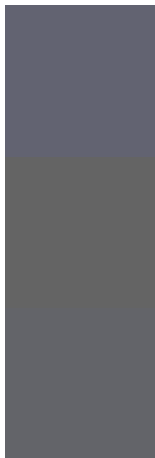
Deuteranomaly

101, 98, 113

Tritanomaly

97, 99, 110

Monochromacy



Original Color

98, 99, 113

Achromatopsia

100, 100, 100

Achromatomaly

99, 100, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 99, 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(98, 99, 113) looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 99, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 113) }
```

Border

The CSS property to change the border of an element to RYB 98, 99, 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(98, 99, 113) }
```

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

```
.border{ border-color:rgb(98, 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(98, 99, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 113);  
box-shadow:4px 4px 4px 4px rgb(98, 99,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 98, 99, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 113) }
```

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

```
.background{ background-color: rgb(98, 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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