

Converting Colors

`RYB(99, 134, 113)`

Have a look what the booklet for
RYB(99, 134, 113) contains.

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Color

R_YB(99, 134, 113)

Conversions

Conversions Part 1

Format	Color
Hex	788663
RGB	120, 134, 99
RGB Percent	47%, 53%, 39%
CMY	0.5294, 0.4745, 0.6118
CMYK	0.10, 0.00, 0.26, 0.47
HSL	84°, 15%, 46%
HSV	84°, 26%, 53%
XYZ	18.5230, 21.9441, 15.0638
YIQ	125.8240, 2.8910, -13.8530

Conversions

Conversions Part 2

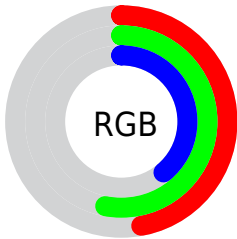
Format	Color
R_{YB}	99, 134, 113
Decimal	7898723
CIE _{Lab}	53.97, -11.70, 17.19
CIE _{LCh}	54, 20.797, 124.231
Yxy	21.9441, 0.3336, 0.3952
Android (android.graphics.Color)	4286088803 (0xFF788663)
YUV	125.8240, -13.2242, -5.1076
Hunter-Lab	46.8445, -11.3967, 13.7254

Details

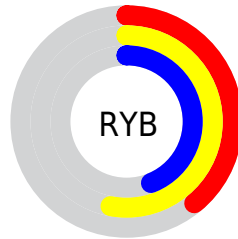
The RYB color **99, 134, 113** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113, 99, 134**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **150, 187, 164**, and **52, 84, 65** is the 20% darker color. If you saturate the color by 10%, you get **86, 134, 105**, and if you desaturate by 10%, it is **112, 134, 121**.

Distribution



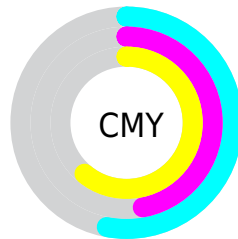
- Red (47%)
- Green (53%)
- Blue (39%)



- Red (39%)
- Yellow (53%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 99, 134, 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 99, 134, 113 by changing the saturation by 10% instead.

■ 99, 134, 113

■ 99, 134, 113

255, 255, 255

■ 75, 109, 89

■ 150, 187, 164

■ 52, 84, 65

■ 177, 215, 192

■ 30, 61, 43

■ 204, 243, 219

■ 7, 39, 19

■ 232, 255, 232

■ 0, 20, 20

■ 0, 0, 0

■ 99, 134, 113

■ 99, 134, 113

■ 86, 134, 105

■ 112, 134, 121

■ 72, 134, 97

■ 126, 134, 129

■ 59, 134, 89

■ 136, 134, 139

■ 45, 134, 80

■ 141, 134, 153

■ 32, 134, 73

■ 147, 134, 166

■ 19, 134, 65

■ 152, 134, 179

■ 5, 134, 57

■ 158, 134, 193

■ 0, 134, 54

■ 163, 134, 206

■ 168, 134, 220

Harmonies

Analogous

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



107, 140, 93



99, 134, 113



99, 128, 138

Triad

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



99, 134, 113



87, 116, 161



164, 116, 127

Complementary

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



99, 134, 113



113, 99, 134

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.



154, 118, 145



99, 134, 113



110, 125, 164

Square

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



99, 134, 113



76, 110, 149



135, 124, 159



164, 119, 110

Rectangle

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



99, 134, 113



87, 117, 139



135, 124, 159



162, 116, 133

Sweetspot

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



99, 134, 113



160, 173, 165



134, 122, 99



78, 87, 82



214, 214, 214



87, 87, 87

Same Dimension

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



99, 134, 113



120, 173, 141



99, 134, 130



60, 66, 62



0, 130, 52



0, 3, 1

Inverse Universe

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



113, 99, 134



141, 120, 173



131, 99, 134



62, 60, 66



52, 0, 130



1, 0, 3

Previews

White Background



This preview shows how the RYB color 99, 134, 113 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 RYB color 99, 134, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

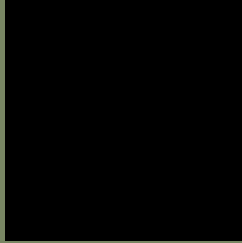
Any Text WCAG AA ✓ Pass

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](#).

RYP 99, 134, 113 Background



This preview shows how black text looks on a background with the RYB color 99, 134, 113.



This preview shows how white text looks on a background with the RYB color 99, 134, 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

99, 134, 113

Protanopia

109, 138, 97

Deuteranopia

151, 144, 101



Tritanopia
126, 128, 139

Trichromacy



Original Color

99, 134, 113

Protanomaly

98, 131, 98

Deuteranomaly

117, 140, 100

Tritanomaly

124, 131, 131

Monochromacy



Original Color

99, 134, 113

Achromatopsia

126, 126, 126

Achromatomaly

116, 129, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 99, 134, 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(120, 134, 99)` looks like.

```
.text, #text, p{  
    color:rgb(120, 134, 99)  
}
```

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(120, 134, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 134, 99) }
```

Border

The CSS property to change the border of an element to RYB 99, 134, 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(120, 134, 99) }
```

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

```
.border{ border-color:rgb(120, 134, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 134, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 134, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 134, 99);  
box-shadow:4px 4px 4px 4px rgb(120, 134,  
99) }
```

Background

The CSS property to change the background color of an element to RYB 99, 134, 113 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 134, 99) }
```

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

```
.background{ background-color: rgb(120,  
134, 99) }
```

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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