

Converting Colors

`RYB(99, 115, 125)`

Have a look what the booklet for
RYB(99, 115, 125) contains.

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Color

R_YB(99, 115, 125)

Conversions

Conversions Part 1

Format	Color
Hex	637D73
RGB	99, 125, 115
RGB Percent	39%, 49%, 45%
CMY	0.6118, 0.5098, 0.5480
CMYK	0.21, 0.00, 0.08, 0.51
HSL	158°, 12%, 44%
HSV	158°, 21%, 49%
XYZ	15.5881, 18.5634, 19.0567
YIQ	116.0860, -12.2860, -8.6220

Conversions

Conversions Part 2

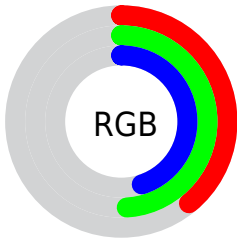
Format	Color
R_{YB}	99, 115, 125
Decimal	6520179
CIE Lab	50.17, -11.54, 2.22
CIE LCh	50, 11.750, 169.122
Yxy	18.5634, 0.2930, 0.3489
Android (android.graphics.Color)	4284710259 (0xFF637D73)
YUV	116.0860, -0.5354, -14.9844
Hunter-Lab	43.0853, -10.8186, 3.9357

Details

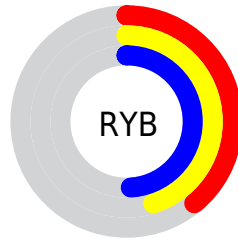
The RYB color **99, 115, 125** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125, 99, 109**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **150, 167, 178**, and **52, 67, 76** is the 20% darker color. If you saturate the color by 10%, you get **86, 110, 125**, and if you desaturate by 10%, it is **112, 120, 125**.

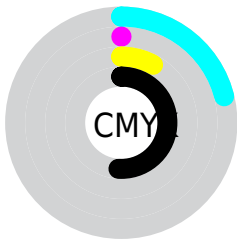
Distribution



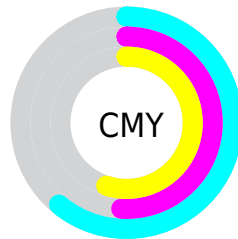
- Red (39%)
- Green (49%)
- Blue (45%)



- Red (39%)
- Yellow (45%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 99, 115, 125 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, 115, 125 by changing the saturation by 10% instead.



99, 115, 125



99, 115, 125

255, 255, 255



75, 90, 100



150, 167, 178



52, 67, 76



177, 194, 205



30, 44, 53



205, 222, 233



8, 22, 32



233, 245, 255



0, 1, 1



0, 0, 0



99, 115, 125



99, 115, 125



86, 110, 125



112, 120, 125



74, 105, 125



124, 125, 125

■ 61, 100, 125

■ 137, 125, 129

■ 49, 96, 125

■ 149, 125, 134

■ 37, 91, 125

■ 162, 125, 139

■ 24, 86, 125

■ 174, 125, 143

■ 12, 82, 125

■ 187, 125, 148

■ 0, 77, 125

■ 199, 125, 153

■ 212, 125, 157

Harmonies

Analogous

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



106, 123, 120



99, 115, 125



94, 110, 126

Triad

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



99, 115, 125



117, 118, 138



138, 117, 105

Complementary

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



99, 115, 125



125, 99, 109

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.



141, 113, 113



99, 115, 125



129, 115, 133

Square

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



99, 115, 125



104, 115, 139



137, 113, 123



126, 131, 100

Rectangle

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



99, 115, 125



94, 111, 132



137, 113, 123



140, 116, 107

Sweetspot

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



99, 115, 125



153, 159, 163



99, 125, 115



76, 80, 82



209, 209, 209



82, 82, 82

Same Dimension

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



99, 115, 125



122, 147, 163



99, 111, 125



57, 61, 64



0, 79, 128



0, 0, 0

Inverse Universe

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



125, 99, 109



163, 122, 138



125, 102, 99



64, 57, 60



128, 0, 48



0, 0, 0

Previews

White Background



This preview shows how the RYB color 99, 115, 125 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, 115, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

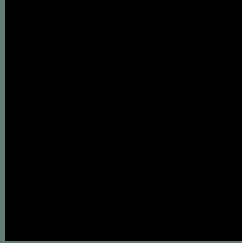
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

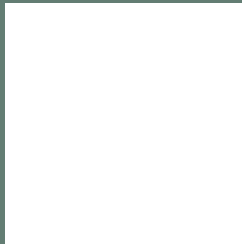
Any Text WCAG AAA × Fail

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

R Y B 99, 115, 125 Background



This preview shows how black text looks on a background with the R Y B color 99, 115, 125.



This preview shows how white text looks on a background with the R Y B color 99, 115, 125.

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, 115, 125](#)

Protanopia
[118, 123, 112](#)

Deuteranopia
[131, 115, 117](#)



Tritanopia
102, 114, 132

Trichromacy



Original Color
99, 115, 125

Protanomaly
113, 121, 120

Deuteranomaly
116, 119, 116

Tritanomaly
101, 113, 126

Monochromacy



Original Color
99, 115, 125

Achromatopsia
116, 116, 116

Achromatomaly
110, 115, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 99, 115, 125 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(99, 125, 115)` looks like.

```
.text, #text, p{  
    color:rgb(99, 125, 115)  
}
```

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(99, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 125, 115) }
```

Border

The CSS property to change the border of an element to RYB 99, 115, 125 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(99, 125, 115) }
```

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

```
.border{ border-color:rgb(99, 125, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 125, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 125, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 125, 115);  
box-shadow:4px 4px 4px 4px rgb(99, 125,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 99, 115, 125 is called "background".

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

```
.background, #background, body{  
background: rgb(99, 125, 115) }
```

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

```
.background{ background-color: rgb(99, 125,  
115) }
```

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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