

Converting Colors

`RYB(94, 124, 110)`

Have a look what the booklet for
RYB(94, 124, 110) contains.

RYB(94, 124, 110)	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_YB(94, 124, 110)

Conversions

Conversions Part 1

Format	Color
Hex	6C7C5E
RGB	108, 124, 94
RGB Percent	42%, 49%, 37%
CMY	0.5765, 0.5137, 0.6314
CMYK	0.13, 0.00, 0.24, 0.51
HSL	92°, 14%, 43%
HSV	92°, 24%, 49%
XYZ	15.4124, 18.4116, 13.3312
YIQ	115.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

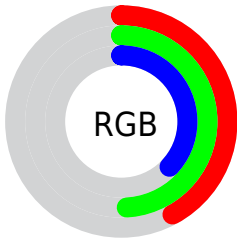
Format	Color
R_{YB}	94, 124, 110
Decimal	7109726
CIE _{Lab}	49.99, -11.79, 14.47
CIE _{LCh}	50, 18.664, 129.181
Yxy	18.4116, 0.3268, 0.3904
Android (android.graphics.Color)	4285299806 (0xFF6C7C5E)
YUV	115.7960, -10.7454, -6.8371
Hunter-Lab	42.9087, -10.9750, 11.6155

Details

The RYB color **94, 124, 110** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **110, 94, 124**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **145, 177, 162**, and **48, 75, 63** is the 20% darker color. If you saturate the color by 10%, you get **82, 124, 105**, and if you desaturate by 10%, it is **106, 124, 115**.

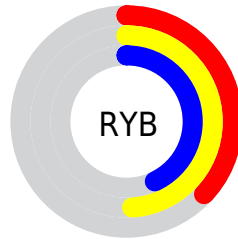
Distribution



Red (42%)

Green (49%)

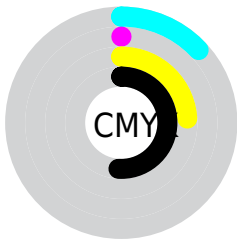
Blue (37%)



Red (37%)

Yellow (49%)

Blue (43%)

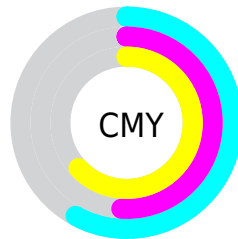


Cyan (13%)

Magenta (0%)

Yellow (24%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 124, 110 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 94, 124, 110 by changing the saturation by 10% instead.



94, 124, 110



94, 124, 110

255, 255, 255



70, 99, 85



145, 177, 162



48, 75, 63



171, 204, 188



27, 52, 41



198, 232, 215



1, 31, 13



226, 255, 238



0, 0, 0



94, 124, 110



94, 124, 110



82, 124, 105



106, 124, 115



69, 124, 98



119, 124, 122



57, 124, 93



128, 124, 131

■ 44, 124, 86

■ 134, 124, 144

■ 32, 124, 81

■ 141, 124, 156

■ 20, 124, 76

■ 148, 124, 168

■ 7, 124, 69

■ 154, 124, 181

■ 0, 124, 66

■ 161, 124, 193

■ 168, 124, 206

Harmonies

Analogous

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



97, 126, 88



94, 124, 110



90, 115, 127

Triad

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



94, 124, 110



86, 110, 148



151, 107, 115

Complementary

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



94, 124, 110



110, 94, 124

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.



143, 109, 131



94, 124, 110



106, 116, 150

Square

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



94, 124, 110



73, 102, 138



128, 113, 144



150, 113, 100

Rectangle

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



94, 124, 110



80, 107, 128



128, 113, 144



149, 108, 120

Sweetspot

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



94, 124, 110



149, 161, 155



120, 124, 94



75, 82, 79



209, 209, 209



82, 82, 82

Same Dimension

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



94, 124, 110



114, 161, 139



94, 123, 124



55, 61, 58



0, 125, 67



0, 252, 134

Inverse Universe

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



110, 94, 124



139, 114, 161



124, 94, 123



58, 55, 61



67, 0, 125



135, 0, 252

Previews

White Background



This preview shows how the RYB color 94, 124, 110 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 94, 124, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

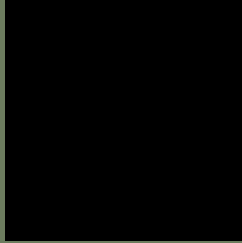
Any Text WCAG AA ✓ Pass

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 94, 124, 110 Background



This preview shows how black text looks on a background with the R Y B color 94, 124, 110.



This preview shows how white text looks on a background with the R Y B color 94, 124, 110.

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

94, 124, 110

Protanopia

101, 127, 91

Deuteranopia

138, 128, 96



Tritanopia
113, 117, 129

Trichromacy



Original Color

94, 124, 110

Protanomaly

92, 121, 93

Deuteranomaly

108, 127, 95

Tritanomaly

111, 118, 121

Monochromacy



Original Color

94, 124, 110

Achromatopsia

116, 116, 116

Achromatomaly

108, 119, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 124, 110 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(108, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(108, 124, 94)  
}
```

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(108, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 124, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 124, 110 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(108, 124, 94) }
```

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

```
.border{ border-color:rgb(108, 124, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 124, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(108, 124,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 124, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 124, 94) }
```

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

```
.background{ background-color: rgb(108,  
124, 94) }
```

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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