

Converting Colors

`RYB(69, 138, 124)`

Have a look what the booklet for
RYB(69, 138, 124) contains.

RYB(69, 138, 124)	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

`RYB(69, 138, 124)`

Conversions

Conversions Part 1

Format	Color
Hex	538A45
RGB	83, 138, 69
RGB Percent	33%, 54%, 27%
CMY	0.6745, 0.4588, 0.7294
CMYK	0.40, 0.00, 0.50, 0.46
HSL	108°, 33%, 41%
HSV	108°, 50%, 54%
XYZ	13.7299, 20.4456, 8.8530
YIQ	113.6890, -10.6310, -33.1190

Conversions

Conversions Part 2

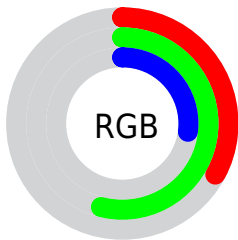
Format	Color
R_{YB}	69, 138, 124
Decimal	5474885
CIE _{Lab}	52.34, -32.21, 31.18
CIE _{LCh}	52, 44.827, 135.930
Yxy	20.4456, 0.3191, 0.4752
Android (android.graphics.Color)	4283664965 (0xFF538A45)
YUV	113.6890, -22.0317, -26.9143
Hunter-Lab	45.2168, -24.9286, 20.0434

Details

The RYB color **69, 138, 124** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124, 69, 138**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **119, 192, 176**, and **22, 87, 78** is the 20% darker color. If you saturate the color by 10%, you get **55, 138, 121**, and if you desaturate by 10%, it is **83, 138, 127**.

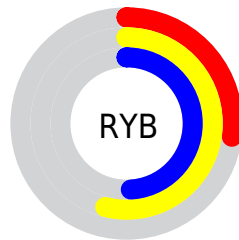
Distribution



Red (33%)

Green (54%)

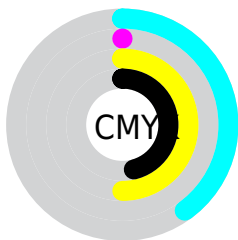
Blue (27%)



Red (27%)

Yellow (54%)

Blue (49%)

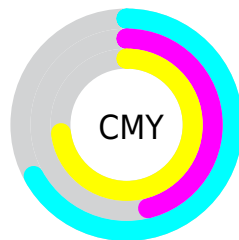


Cyan (40%)

Magenta (0%)

Yellow (50%)

Black (46%)



Cyan (67%)

Magenta (46%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RYB color 69, 138, 124 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 69, 138, 124 by changing the saturation by 10% instead.



69, 138, 124



69, 138, 124

255, 255, 255



45, 112, 100



119, 192, 176



22, 87, 78



145, 220, 202



0, 64, 64



172, 249, 231



0, 41, 41



199, 255, 235



0, 15, 15



227, 255, 234



0, 0, 0



69, 138, 124



69, 138, 124



55, 138, 121



83, 138, 127



41, 138, 118



97, 138, 130

■ 28, 138, 116

■ 110, 138, 132

■ 14, 138, 113

■ 124, 138, 135

■ 0, 138, 110

■ 138, 138, 138

■ 149, 138, 152

■ 160, 138, 166

■ 171, 138, 179

■ 182, 138, 193

Harmonies

Analogous

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



46, 129, 48



69, 138, 124



0, 82, 143

Triad

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



69, 138, 124



0, 80, 199



196, 92, 106

Complementary

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



69, 138, 124



124, 69, 138

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.



186, 94, 145



69, 138, 124



95, 116, 199

Square

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



69, 138, 124



0, 79, 179



154, 106, 179



187, 113, 71

Rectangle

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



69, 138, 124



0, 75, 144



154, 106, 179



195, 91, 119

Sweetspot

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



69, 138, 124



152, 179, 174



88, 138, 69



73, 89, 86



217, 217, 217



89, 89, 89

Same Dimension

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



69, 138, 124



71, 179, 157



69, 122, 138



62, 69, 68



0, 133, 106



0, 5, 4

Inverse Universe

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



124, 69, 138



157, 71, 179



138, 69, 118



67, 62, 69



106, 0, 133



4, 0, 5

Previews

White Background



This preview shows how the RYB color 69, 138, 124 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 69, 138, 124 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](#).

RYB 69, 138, 124 Background



This preview shows how black text looks on a background with the RYB color 69, 138, 124.



This preview shows how white text looks on a background with the RYB color 69, 138, 124.

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

69, 138, 124

Protanopia

80, 137, 64

Deuteranopia

129, 151, 74



Tritanopia

96, 115, 141

Trichromacy



Original Color
69, 138, 124

Protanomaly
66, 129, 78

Deuteranomaly
72, 126, 72

Tritanomaly
91, 118, 133

Monochromacy



Original Color
69, 138, 124

Achromatopsia
114, 114, 114

Achromatomaly
98, 123, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 69, 138, 124 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(83, 138, 69)` looks like.

```
.text, #text, p{  
    color:rgb(83, 138, 69)  
}
```

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(83, 138, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 138, 69) }
```

Border

The CSS property to change the border of an element to RYB 69, 138, 124 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(83, 138, 69) }
```

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

```
.border{ border-color:rgb(83, 138, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 138, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 138, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 138, 69);  
box-shadow:4px 4px 4px 4px rgb(83, 138,  
69) }
```

Background

The CSS property to change the background color of an element to RYB 69, 138, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 138, 69) }
```

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

```
.background{ background-color: rgb(83, 138,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor