

Converting Colors

`RYB(113, 139, 65)`

Have a look what the booklet for
RYB(113, 139, 65) contains.

RYB(113, 139, 65) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

`RYB(113, 139, 65)`

Conversions

Conversions Part 1	
Format	Color
Hex	8B6E41
RGB	139, 110, 65
RGB Percent	55%, 43%, 25%
CMY	0.4549, 0.5691, 0.7451
CMYK	0.00, 0.21, 0.53, 0.45
HSL	36°, 36%, 40%
HSV	36°, 53%, 55%
XYZ	17.1652, 16.9977, 7.3772
YIQ	113.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

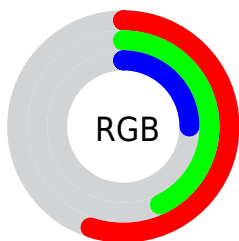
Format	Color
RYB	113, 139, 65
Decimal	9137729
CIELab	48.26, 5.65, 29.25
CIELCh	48, 29.795, 79.065
Yxy	16.9977, 0.4132, 0.4092
Android (android.graphics.Color)	4287327809 (0xFF8B6E41)
YUV	113.5410, -23.9307, 22.3275
Hunter-Lab	41.2283, 2.1678, 18.2507

Details

The RYB color **113, 139, 65** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **65, 86, 139**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **170, 194, 114**, and **57, 87, 20** is the 20% darker color. If you saturate the color by 10%, you get **109, 139, 51**, and if you desaturate by 10%, it is **119, 139, 79**.

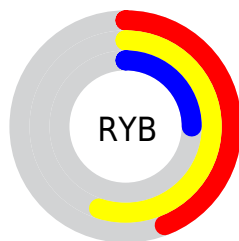
Distribution



Red (55%)

Green (43%)

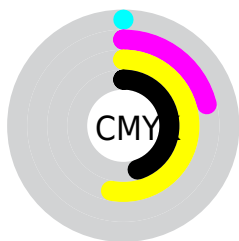
Blue (25%)



Red (44%)

Yellow (55%)

Blue (25%)

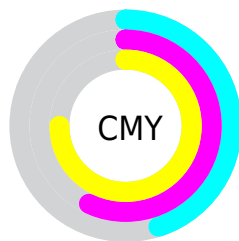


Cyan (0%)

Magenta (21%)

Yellow (53%)

Black (45%)



Cyan (45%)

Magenta (57%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 139, 65 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 113, 139, 65 by changing the saturation by 10% instead.



113, 139, 65



113, 139, 65

255, 255, 255



83, 112, 42



170, 194, 114



57, 87, 20



201, 223, 140



32, 62, 0



228, 252, 166



28, 37, 0



207, 255, 194



0, 0, 0



222, 255, 222



250, 255, 250



113, 139, 65




113, 139, 65




109, 139, 51




119, 139, 79

 103, 139, 37


 123, 139, 93

 99, 139, 23


 129, 139, 107


 93, 139, 9

 132, 139, 121


 91, 139, 0

 137, 139, 134

 139, 142, 148

 139, 145, 162

 139, 150, 176

 139, 153, 190

Harmonies

Analogous

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



156, 111, 78



113, 139, 65



66, 118, 69

Triad

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



113, 139, 65



0, 64, 130



137, 102, 148

Complementary

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



113, 139, 65



65, 86, 139

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.



104, 110, 162



113, 139, 65



0, 69, 152

Square

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



113, 139, 65



52, 96, 127



60, 98, 164



157, 96, 125

Rectangle

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



113, 139, 65



75, 122, 101



60, 98, 164



127, 105, 154

Sweetspot

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



113, 139, 65



170, 181, 152



139, 65, 95



85, 92, 74



219, 219, 219



92, 92, 92

Same Dimension

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



113, 139, 65



141, 181, 65



65, 139, 72



67, 69, 62



88, 133, 0



3, 5, 0

Inverse Universe

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



65, 86, 139



65, 98, 181



72, 65, 139



62, 64, 69



0, 37, 133



0, 1, 5

Previews

White Background



This preview shows how the RYB color 113, 139, 65 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



This preview shows how the RYB color 113, 139, 65 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

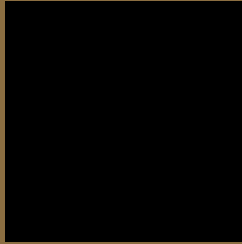
Any Text WCAG AA × Fail

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 113, 139, 65 Background



This preview shows how black text looks on a background with the RYB color 113, 139, 65.



This preview shows how white text looks on a background with the RYB color 113, 139, 65.

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


113, 139, 65

Protanopia

81, 126, 67

Deuteranopia

118, 140, 65



Tritanopia

143, 104, 112

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 139, 65 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(139, 110, 65)` looks like.

```
.text, #text, p{  
    color:rgb(139, 110, 65)  
}
```

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(139, 110, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 110, 65) }
```

Border

The CSS property to change the border of an element to RYB 113, 139, 65 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(139, 110, 65) }
```

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

```
.border{ border-color:rgb(139, 110, 65) }
```

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

Here you see how a box with a 4 pixel rgb(139, 110, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 110, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 110, 65);  
box-shadow:4px 4px 4px 4px rgb(139, 110,  
65) }
```

Background

The CSS property to change the background color of an element to RGB 113, 139, 65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 110, 65) }
```

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

```
.background{ background-color: rgb(139,  
110, 65) }
```

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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