

Converting Colors

`RYB(14, 111, 143)`

Have a look what the booklet for
RYB(14, 111, 143) contains.

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Color

R_YB(14, 111, 143)

Conversions

Conversions Part 1

Format	Color
Hex	0E8F39
RGB	14, 143, 57
RGB Percent	5%, 56%, 22%
CMY	0.9451, 0.4392, 0.7782
CMYK	0.90, 0.00, 0.60, 0.44
HSL	140°, 82%, 31%
HSV	140°, 90%, 56%
XYZ	10.7311, 20.0293, 7.1136
YIQ	94.6250, -49.2780, -54.0940

Conversions

Conversions Part 2

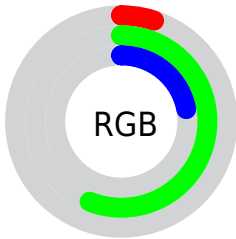
Format	Color
R_{YB}	14, 111, 143
Decimal	954169
CIE _{Lab}	51.87, -50.88, 36.47
CIE _{LCh}	52, 62.602, 144.373
Yxy	20.0293, 0.2833, 0.5288
Android (android.graphics.Color)	4279144249 (0xFF0E8F39)
YUV	94.6250, -18.5491, -70.7081
Hunter-Lab	44.7541, -35.5192, 21.9038

Details

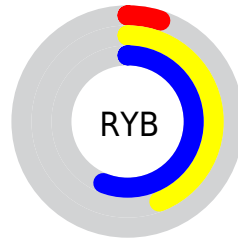
The RYB color **14, 111, 143** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **143, 14, 100**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **88, 182, 198**, and **0, 86, 91** is the 20% darker color. If you saturate the color by 10%, you get **0, 108, 143**, and if you desaturate by 10%, it is **28, 114, 143**.

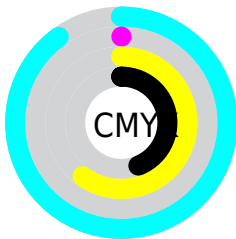
Distribution



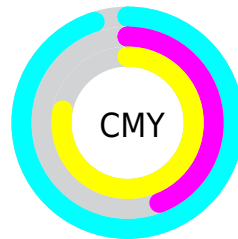
- Red (5%)
- Green (56%)
- Blue (22%)



- Red (5%)
- Yellow (44%)
- Blue (56%)



- Cyan (90%)
- Magenta (0%)
- Yellow (60%)
- Black (44%)



- Cyan (95%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the RYB color 14, 111, 143 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 14, 111, 143 by changing the saturation by 10% instead.



14, 111, 143



14, 111, 143

255, 255, 255



0, 92, 117



88, 183, 198



0, 87, 91



117, 213, 226



0, 66, 66



146, 243, 255



0, 45, 45



175, 245, 255



0, 13, 13



204, 247, 255



0, 0, 0



234, 249, 255



14, 111, 143



14, 111, 143



0, 108, 143



28, 114, 143

■ 43, 118, 143

■ 57, 122, 143

■ 71, 125, 143

■ 86, 129, 143

■ 100, 132, 143

■ 114, 136, 143

■ 128, 139, 143

■ 143, 143, 143

Harmonies

Analogous

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



0, 134, 28



14, 111, 143



0, 84, 147

Triad

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



14, 111, 143



0, 84, 231



217, 72, 83

Complementary

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



14, 111, 143



143, 14, 100

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.



213, 68, 136



14, 111, 143



101, 113, 222

Square

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



14, 111, 143



0, 85, 210



178, 88, 187



196, 132, 34

Rectangle

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



14, 111, 143



0, 74, 149



178, 88, 187



219, 68, 100

Sweetspot

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



14, 111, 143



136, 174, 186



14, 143, 55



64, 87, 94



222, 222, 222



94, 94, 94

Same Dimension

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



14, 111, 143



0, 140, 186



14, 85, 143



64, 69, 71



0, 101, 135



0, 6, 8

Inverse Universe

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



143, 14, 100



186, 0, 125



143, 14, 38



71, 64, 69



135, 0, 91



8, 0, 5

Previews

White Background



This preview shows how the RYB color 14, 111, 143 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 14, 111, 143 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 14, 111, 143 Background



This preview shows how black text looks on a background with the RYB color 14, 111, 143.



This preview shows how white text looks on a background with the RYB color 14, 111, 143.

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
14, 111, 143

Protanopia
68, 137, 51

Deuteranopia
120, 151, 64



Tritanopia
58, 99, 145

Trichromacy



Original Color

14, 111, 143



Protanomaly

53, 130, 91



Deuteranomaly

61, 126, 86



Tritanomaly

42, 96, 137

Monochromacy



Original Color

14, 111, 143



Achromatopsia

95, 95, 95



Achromatomaly

66, 101, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 14, 111, 143 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(14, 143, 57)` looks like.

```
.text, #text, p{  
    color:rgb(14, 143, 57)  
}
```

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(14, 143, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 143, 57) }
```

Border

The CSS property to change the border of an element to RYB 14, 111, 143 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(14, 143, 57) }
```

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

```
.border{ border-color:rgb(14, 143, 57) }
```

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

Here you see how a box with a 4 pixel rgb(14, 143, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 143, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 143, 57);  
box-shadow:4px 4px 4px 4px rgb(14, 143,  
57) }
```

Background

The CSS property to change the background color of an element to RYB 14, 111, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 143, 57) }
```

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

```
.background{ background-color: rgb(14, 143,  
57) }
```

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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