

Converting Colors

`RYB(84, 140, 115)`

Have a look what the booklet for
RYB(84, 140, 115) contains.

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Color

RYB(84, 140, 115)

Conversions

Conversions Part 1

Format	Color
Hex	6D8C54
RGB	109, 140, 84
RGB Percent	43%, 55%, 33%
CMY	0.5725, 0.4510, 0.6706
CMYK	0.22, 0.00, 0.40, 0.45
HSL	93°, 25%, 44%
HSV	93°, 40%, 55%
XYZ	17.2850, 22.6475, 11.8479
YIQ	124.3470, -0.5000, -23.9880

Conversions

Conversions Part 2

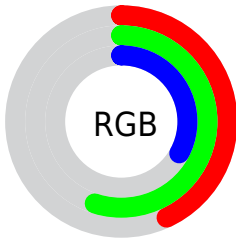
Format	Color
R_{YB}	84, 140, 115
Decimal	7179348
CIE Lab	54.71, -21.49, 26.43
CIE LCh	55, 34.065, 129.124
Yxy	22.6475, 0.3338, 0.4374
Android (android.graphics.Color)	4285369428 (0xFF6D8C54)
YUV	124.3470, -19.8911, -13.4593
Hunter-Lab	47.5894, -18.4482, 18.5517

Details

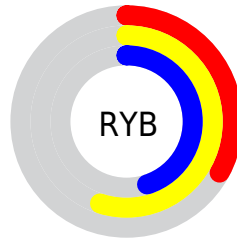
The RYB color **84, 140, 115** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115, 84, 140**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **134, 194, 166**, and **37, 90, 67** is the 20% darker color. If you saturate the color by 10%, you get **70, 140, 109**, and if you desaturate by 10%, it is **98, 140, 121**.

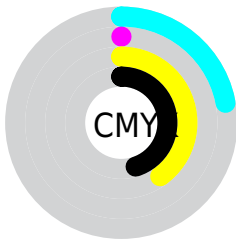
Distribution



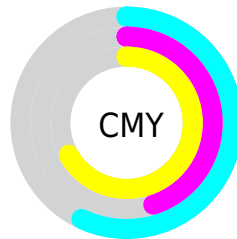
- Red (43%)
- Green (55%)
- Blue (33%)



- Red (33%)
- Yellow (55%)
- Blue (45%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (57%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the RYB color 84, 140, 115 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 84, 140, 115 by changing the saturation by 10% instead.



84, 140, 115



84, 140, 115

255, 255, 255



60, 114, 90



134, 194, 166



37, 90, 67



161, 222, 194



15, 66, 45



188, 250, 221



0, 44, 28



216, 255, 225



0, 25, 25



244, 255, 244



0, 0, 0



84, 140, 115



84, 140, 115



70, 140, 109



98, 140, 121



56, 140, 102



112, 140, 127

■ 42, 140, 96

■ 126, 140, 134

■ 28, 140, 90

■ 140, 140, 140

■ 14, 140, 84

■ 148, 140, 154

■ 0, 140, 78

■ 156, 140, 168

■ 163, 140, 182

■ 171, 140, 196

■ 179, 140, 210

Harmonies

Analogous

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



82, 141, 72



84, 140, 115



71, 120, 145

Triad

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



84, 140, 115



42, 100, 185



187, 107, 123

Complementary

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



84, 140, 115



115, 84, 140

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.



175, 111, 153



84, 140, 115



102, 124, 189

Square

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



84, 140, 115



0, 78, 167



146, 120, 177



184, 116, 95

Rectangle

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



84, 140, 115



38, 97, 146



146, 120, 177



185, 108, 133

Sweetspot

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



84, 140, 115



159, 181, 171



129, 140, 84



79, 92, 86



219, 219, 219



92, 92, 92

Same Dimension

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



84, 140, 115



94, 181, 142



84, 137, 140



62, 69, 66



0, 133, 74



0, 5, 3

Inverse Universe

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



115, 84, 140



142, 94, 181



140, 84, 137



66, 62, 69



73, 0, 133



3, 0, 5

Previews

White Background



This preview shows how the RYB color 84, 140, 115 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 84, 140, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

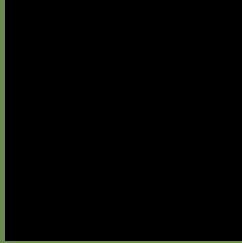
Any Text WCAG AA ✓ Pass

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 84, 140, 115 Background



This preview shows how black text looks on a background with the RYB color 84, 140, 115.



This preview shows how white text looks on a background with the RYB color 84, 140, 115.

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

84, 140, 115

Protanopia

95, 143, 80

Deuteranopia

143, 156, 87



Tritanopia
118, 128, 144

Trichromacy



Original Color
84, 140, 115

Protanomaly
81, 134, 84

Deuteranomaly
97, 139, 86

Tritanomaly
115, 131, 136

Monochromacy



Original Color
84, 140, 115

Achromatopsia
124, 124, 124

Achromatomaly
109, 130, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 140, 115 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(109, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(109, 140, 84)  
}
```

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(109, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 140, 84) }
```

Border

The CSS property to change the border of an element to RYB 84, 140, 115 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(109, 140, 84) }
```

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

```
.border{ border-color:rgb(109, 140, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 140, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(109, 140,  
84) }
```

Background

The CSS property to change the background color of an element to RYB 84, 140, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 140, 84) }
```

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

```
.background{ background-color: rgb(109,  
140, 84) }
```

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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