

Converting Colors

`RYB(39, 107, 130)`

Have a look what the booklet for
RYB(39, 107, 130) contains.

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Color

`RYB(39, 107, 130)`

Conversions

Conversions Part 1

Format	Color
Hex	278246
RGB	39, 130, 70
RGB Percent	15%, 51%, 27%
CMY	0.8471, 0.4902, 0.7264
CMYK	0.70, 0.00, 0.46, 0.49
HSL	140°, 54%, 33%
HSV	140°, 70%, 51%
XYZ	9.9179, 16.8360, 8.4849
YIQ	95.9510, -34.9760, -37.9520

Conversions

Conversions Part 2

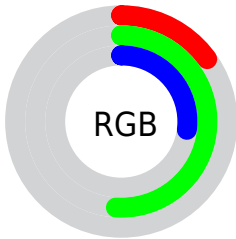
Format	Color
RYB	39, 107, 130
Decimal	2589254
CIELab	48.05, -40.69, 25.01
CIElCh	48, 47.765, 148.427
Yxy	16.8360, 0.2814, 0.4778
Android (android.graphics.Color)	4280779334 (0xFF278246)
YUV	95.9510, -12.7938, -49.9460
Hunter-Lab	41.0317, -28.6598, 16.4617

Details

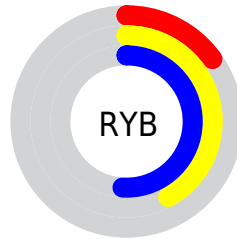
The RYB color **39, 107, 130** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **130, 39, 99**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **96, 166, 184**, and **0, 61, 79** is the 20% darker color. If you saturate the color by 10%, you get **26, 104, 130**, and if you desaturate by 10%, it is **52, 111, 130**.

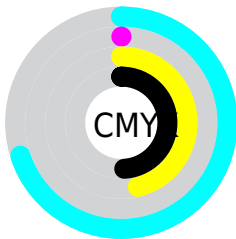
Distribution



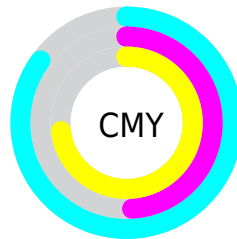
- Red (15%)
- Green (51%)
- Blue (27%)



- Red (15%)
- Yellow (42%)
- Blue (51%)



- Cyan (70%)
- Magenta (0%)
- Yellow (46%)
- Black (49%)




- Cyan (85%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RYB color 39, 107, 130 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 39, 107, 130 by changing the saturation by 10% instead.

 39, 107, 130

 39, 107, 130

255, 255, 255

 0, 72, 104

 96, 166, 184

 0, 61, 79

 124, 195, 212

 0, 55, 55

 152, 224, 240

 0, 35, 35


 180, 240, 255


 0, 0, 0


 208, 241, 255

 238, 247, 255

 39, 107, 130

 39, 107, 130

 26, 104, 130

 52, 111, 130

■ 13, 100, 130

■ 65, 114, 130

■ 0, 97, 130

■ 78, 117, 130

■ 91, 120, 130

■ 104, 123, 130

■ 117, 127, 130

■ 130, 130, 130

■ 143, 130, 139

■ 156, 130, 147

Harmonies

Analogous

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



37, 123, 63



39, 107, 130



0, 72, 133

Triad

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



39, 107, 130



0, 74, 195



186, 81, 78

Complementary

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



39, 107, 130



130, 39, 99

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.



185, 77, 118



39, 107, 130



111, 104, 185

Square

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



39, 107, 130



0, 75, 182



161, 87, 157



168, 132, 45

Rectangle

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



39, 107, 130



0, 68, 138



161, 87, 157



188, 78, 91

Sweetspot

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



39, 107, 130



133, 159, 168



39, 130, 69



63, 79, 84



212, 212, 212



84, 84, 84

Same Dimension

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



39, 107, 130



27, 132, 168



39, 89, 130



57, 62, 64



0, 96, 128



0, 0, 0

Inverse Universe

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



130, 39, 99



168, 27, 120



130, 39, 54



64, 57, 62



128, 0, 84



0, 0, 0

Previews

White Background



This preview shows how the RYB color 39, 107, 130 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 39, 107, 130 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 39, 107, 130 Background



This preview shows how black text looks on a background with the RYB color 39, 107, 130.



This preview shows how white text looks on a background with the RYB color 39, 107, 130.

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
39, 107, 130

Protanopia
79, 125, 64

Deuteranopia
127, 136, 75



Tritanopia
61, 94, 133

Trichromacy



Original Color
39, 107, 130

Protanomaly
66, 119, 91

Deuteranomaly
73, 116, 88

Tritanomaly
53, 94, 126

Monochromacy



Original Color
39, 107, 130

Achromatopsia
96, 96, 96

Achromatomaly
75, 100, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 39, 107, 130 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(39, 130, 70)` looks like.

```
.text, #text, p{  
    color:rgb(39, 130, 70)  
}
```

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(39, 130, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 130, 70) }
```

Border

The CSS property to change the border of an element to RYB 39, 107, 130 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(39, 130, 70) }
```

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

```
.border{ border-color:rgb(39, 130, 70) }
```

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

Here you see how a box with a 4 pixel rgb(39, 130, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 130, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 130, 70);  
box-shadow:4px 4px 4px 4px rgb(39, 130,  
70) }
```

Background

The CSS property to change the background color of an element to RGB 39, 130, 70 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 130, 70) }
```

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

```
.background{ background-color: rgb(39, 130,  
70) }
```

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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