

Converting Colors

`RYB(38, 131, 145)`

Have a look what the booklet for
RYB(38, 131, 145) contains.

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Color

`RYB(38, 131, 145)`

Conversions

Conversions Part 1

Format	Color
Hex	269136
RGB	38, 145, 54
RGB Percent	15%, 57%, 21%
CMY	0.8510, 0.4314, 0.7878
CMYK	0.74, 0.00, 0.63, 0.43
HSL	129°, 58%, 36%
HSV	129°, 74%, 57%
XYZ	11.5931, 20.9302, 6.9322
YIQ	102.6330, -34.5610, -50.9850

Conversions

Conversions Part 2

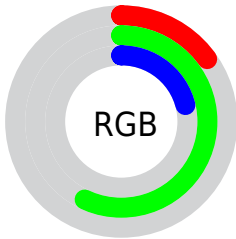
Format	Color
R_{YB}	38, 131, 145
Decimal	2527542
CIE _{Lab}	52.87, -48.90, 38.89
CIE _{LCh}	53, 62.478, 141.509
Yxy	20.9302, 0.2938, 0.5305
Android (android.graphics.Color)	4280717622 (0xFF269136)
YUV	102.6330, -23.9761, -56.6831
Hunter-Lab	45.7496, -34.8292, 23.0408

Details

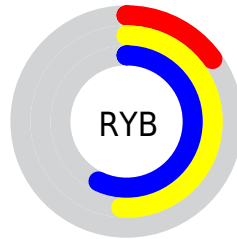
The RYB color **38, 131, 145** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **145, 38, 129**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **100, 196, 200**, and **0, 93, 93** is the 20% darker color. If you saturate the color by 10%, you get **23, 129, 145**, and if you desaturate by 10%, it is **53, 134, 145**.

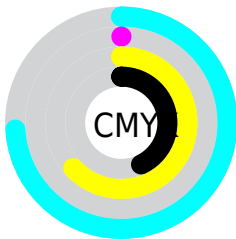
Distribution



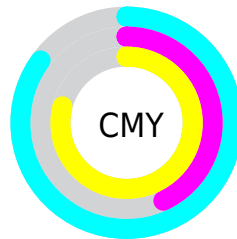
- Red (15%)
- Green (57%)
- Blue (21%)



- Red (15%)
- Yellow (51%)
- Blue (57%)



- Cyan (74%)
- Magenta (0%)
- Yellow (63%)
- Black (43%)



- Cyan (85%)
- Magenta (43%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the RYB color 38, 131, 145 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 38, 131, 145 by changing the saturation by 10% instead.



38, 131, 145



38, 131, 145

255, 255, 255



0, 96, 119



100, 196, 200



0, 93, 93



128, 226, 228



0, 68, 68



157, 255, 255



0, 46, 46



184, 255, 253



0, 18, 18



212, 255, 252



0, 0, 0



241, 255, 252



38, 131, 145



38, 131, 145



23, 129, 145



53, 134, 145

■ 9, 128, 145

■ 67, 135, 145

■ 0, 126, 145

■ 82, 137, 145

■ 96, 139, 145

■ 111, 141, 145

■ 125, 142, 145

■ 139, 144, 145

■ 154, 145, 153

■ 169, 145, 165

Harmonies

Analogous

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



0, 135, 21



38, 131, 145



0, 87, 150

Triad

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



38, 131, 145



0, 86, 233



221, 74, 90

Complementary

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



38, 131, 145



145, 38, 129

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.



214, 72, 144



38, 131, 145



93, 115, 227

Square

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



38, 131, 145



0, 86, 210



175, 93, 194



202, 122, 41

Rectangle

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



38, 131, 145



0, 77, 151



175, 93, 194



222, 70, 108

Sweetspot

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



38, 131, 145



147, 184, 189



38, 145, 54



70, 91, 94



222, 222, 222



94, 94, 94

Same Dimension

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



38, 131, 145



21, 167, 189



38, 103, 145



64, 70, 71



0, 118, 135



0, 7, 8

Inverse Universe

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



145, 38, 129



189, 21, 163



145, 38, 75



71, 64, 70



135, 0, 115



8, 0, 6

Previews

White Background



This preview shows how the RYB color 38, 131, 145 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 38, 131, 145 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 38, 131, 145 Background



This preview shows how black text looks on a background with the R Y B color 38, 131, 145.



This preview shows how white text looks on a background with the R Y B color 38, 131, 145.

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
38, 131, 145

Protanopia
65, 140, 48

Deuteranopia
118, 154, 62



Tritanopia
68, 105, 147

Trichromacy



Original Color

38, 131, 145



Protanomaly

50, 133, 80



Deuteranomaly

59, 128, 75



Tritanomaly

57, 106, 139

Monochromacy



Original Color

38, 131, 145



Achromatopsia

103, 103, 103



Achromatomaly

79, 113, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 38, 131, 145 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(38, 145, 54)` looks like.

```
.text, #text, p{  
    color:rgb(38, 145, 54)  
}
```

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(38, 145, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 145, 54) }
```

Border

The CSS property to change the border of an element to RYB 38, 131, 145 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(38, 145, 54) }
```

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

```
.border{ border-color:rgb(38, 145, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 145, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 145, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 145, 54);  
box-shadow:4px 4px 4px 4px rgb(38, 145,  
54) }
```

Background

The CSS property to change the background color of an element to RYB 38, 131, 145 is called "background".

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

```
.background, #background, body{  
background: rgb(38, 145, 54) }
```

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

```
.background{ background-color: rgb(38, 145,  
54) }
```

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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