

Converting Colors

`RYB(15, 177, 1)`

Have a look what the booklet for
RYB(15, 177, 1) contains.

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Color

R_YB(15, 177, 1)

Conversions

Conversions Part 1

Format	Color
Hex	B1A401
RGB	177, 164, 1
RGB Percent	69%, 64%, 0%
CMY	0.3059, 0.3567, 0.9961
CMYK	0.00, 0.07, 0.99, 0.31
HSL	56°, 99%, 35%
HSV	56°, 99%, 69%
XYZ	31.4181, 35.9115, 5.3044
YIQ	149.3050, 60.0710, -47.9370

Conversions

Conversions Part 2

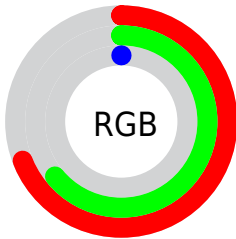
Format	Color
RYB	15, 177, 1
Decimal	11641857
CIELab	66.45, -9.68, 69.11
CIELCh	66, 69.789, 97.976
Yxy	35.9115, 0.4326, 0.4944
Android (android.graphics.Color)	4289831937 (0xFFB1A401)
YUV	149.3050, -73.1144, 24.2885
Hunter-Lab	59.9262, -11.2871, 36.7002

Details

The RYB color **15, 177, 1** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1, 13, 177**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **95, 236, 76**, and **7, 120, 0** is the 20% darker color. If you saturate the color by 10%, you get **14, 177, 0**, and if you desaturate by 10%, it is **32, 177, 19**.

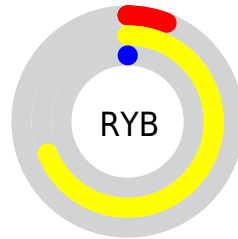
Distribution



Red (69%)

Green (64%)

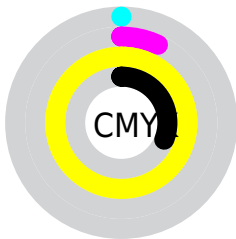
Blue (0%)



Red (6%)

Yellow (69%)

Blue (0%)

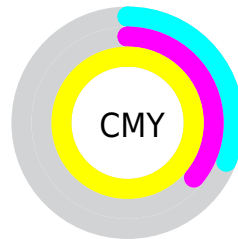


Cyan (0%)

Magenta (7%)

Yellow (99%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the RYB color 15, 177, 1 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 15, 177, 1 by changing the saturation by 10% instead.

 15, 177, 1

 15, 177, 1

255, 255, 255

 11, 148, 0

 95, 236, 76

 7, 120, 0

 112, 255, 104

 3, 92, 0

 132, 255, 132

 0, 65, 0

 160, 255, 160

 0, 44, 5

 189, 255, 189

 0, 24, 13

 218, 255, 218

 0, 0, 0

 247, 255, 247

 15, 177, 1

 15, 177, 1

■ 14, 177, 0

■ 32, 177, 19

■ 47, 177, 36

■ 64, 177, 54

■ 81, 177, 72

■ 96, 177, 90

■ 112, 177, 107

■ 129, 177, 125

■ 146, 177, 143

■ 161, 177, 160

Harmonies

Analogous

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



196, 229, 35



15, 177, 1



52, 179, 121

Triad

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



15, 177, 1



0, 105, 237



249, 109, 210

Complementary

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



15, 177, 1



1, 13, 177

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, 137, 255



15, 177, 1



0, 106, 255

Square

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



15, 177, 1



0, 99, 191



20, 109, 255



255, 98, 147

Rectangle

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



15, 177, 1



25, 139, 186



20, 109, 255



233, 118, 229

Sweetspot

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



15, 177, 1



168, 230, 161



177, 1, 16



76, 115, 73



242, 242, 242



115, 115, 115

Same Dimension

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



15, 177, 1



18, 230, 0



1, 177, 74



80, 89, 80



12, 153, 0



2, 26, 0

Inverse Universe

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



1, 13, 177



0, 16, 230



74, 1, 177



80, 81, 89



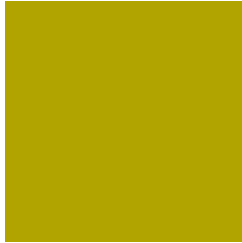
0, 10, 153



0, 2, 26

Previews

White Background



This preview shows how the RYB color 15, 177, 1 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 15, 177, 1 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 15, 177, 1 Background



This preview shows how black text looks on a background with the RYB color 15, 177, 1.



This preview shows how white text looks on a background with the RYB color 15, 177, 1.

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


15, 177, 1

Protanopia

22, 182, 0

Deuteranopia

93, 204, 22



Tritanopia
187, 152, 164

Trichromacy



Original Color

15, 177, 1

Protanomaly

19, 180, 0

Deuteranomaly

61, 194, 14

Tritanomaly

146, 183, 105

Monochromacy



Original Color

15, 177, 1

Achromatopsia

149, 149, 149

Achromatomaly

100, 159, 95

CSS Examples

Text

The CSS property to change the color of the text to RYB 15, 177, 1 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(177, 164, 1)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 1)  
}
```

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(177, 164, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 1) }
```

Border

The CSS property to change the border of an element to RYB 15, 177, 1 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(177, 164, 1) }
```

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

```
.border{ border-color:rgb(177, 164, 1) }
```

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

Here you see how a box with a 4 pixel rgb(177, 164, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 1);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
1) }
```

Background

The CSS property to change the background color of an element to RGB 177, 164, 1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 1) }
```

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

```
.background{ background-color: rgb(177,  
164, 1) }
```

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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