

Converting Colors

`RYB(155, 247, 23)`

Have a look what the booklet for
RYB(155, 247, 23) contains.

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Color

RYB(155, 247, 23)

Conversions

Conversions Part 1

Format	Color
Hex	F7A417
RGB	247, 164, 23
RGB Percent	97%, 64%, 9%
CMY	0.0314, 0.3571, 0.9098
CMYK	0.00, 0.34, 0.91, 0.03
HSL	38°, 93%, 53%
HSV	38°, 91%, 97%
XYZ	51.7778, 46.3668, 7.0313
YIQ	172.7430, 94.7290, -26.2550

Conversions

Conversions Part 2

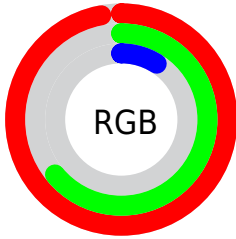
Format	Color
RYB	155, 247, 23
Decimal	16229399
CIELab	73.78, 21.36, 74.56
CIElCh	74, 77.558, 74.014
Yxy	46.3668, 0.4923, 0.4409
Android (android.graphics.Color)	4294419479 (0xFFFF7A417)
YUV	172.7430, -73.8233, 65.1234
Hunter-Lab	68.0932, 16.5677, 41.5429

Details

The RYB color **155, 247, 23** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **23, 84, 247**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **133, 255, 87**, and **121, 185, 0** is the 20% darker color. If you saturate the color by 10%, you get **147, 247, 0**, and if you desaturate by 10%, it is **166, 247, 48**.

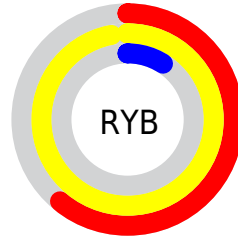
Distribution



Red (97%)

Green (64%)

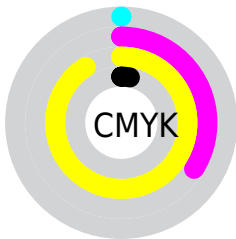
Blue (9%)



Red (61%)

Yellow (97%)

Blue (9%)

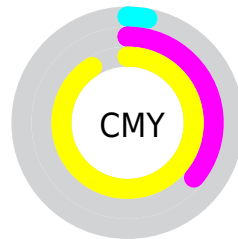


Cyan (0%)

Magenta (34%)

Yellow (91%)

Black (3%)



Cyan (3%)


Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 247, 23 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 155, 247, 23 by changing the saturation by 10% instead.


 155, 247, 23

 155, 247, 23


255, 255, 255

 122, 216, 0


 133, 255, 87

 121, 185, 0

 123, 255, 115

 116, 154, 0

 143, 255, 143

 116, 124, 0

 171, 255, 171

 95, 75, 0

 200, 255, 200

 67, 29, 0

 229, 255, 229

 42, 0, 0

 0, 0, 0

 155, 247, 23

 155, 247, 23

147, 247, 0

166, 247, 48

175, 247, 72

186, 247, 97

195, 247, 122

206, 247, 147

215, 247, 171

226, 247, 196

237, 247, 221

247, 247, 245

Harmonies

Analogous

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



255, 152, 85



155, 247, 23



0, 188, 3

Triad

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



155, 247, 23



0, 108, 215



227, 147, 255

Complementary

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



155, 247, 23



23, 84, 247

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.



92, 148, 255



155, 247, 23



0, 115, 255

Square

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



155, 247, 23



0, 128, 212



0, 112, 255



255, 116, 222

Rectangle

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



155, 247, 23



48, 200, 114



0, 112, 255



194, 158, 255

Sweetspot

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



155, 247, 23



228, 255, 186



247, 23, 109



113, 128, 87



0, 0, 0



128, 128, 128

Same Dimension

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



155, 247, 23



151, 255, 0



23, 247, 49



116, 122, 110



110, 186, 0



35, 59, 0

Inverse Universe

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



23, 84, 247



0, 69, 255



49, 23, 247



110, 114, 122



0, 50, 186



0, 16, 59

Previews

White Background



This preview shows how the RYB color 155, 247, 23 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 155, 247, 23 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](#).

R Y B 155, 247, 23 Background



This preview shows how black text looks on a background with the RYB color 155, 247, 23.



This preview shows how white text looks on a background with the RYB color 155, 247, 23.

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
155, 247, 23

Protanopia
55, 205, 29

Deuteranopia
91, 230, 12



Tritanopia
254, 153, 164

Trichromacy



Original Color
155, 247, 23

Protanomaly
86, 220, 27

Deuteranomaly
112, 236, 16

Tritanomaly
251, 178, 113

Monochromacy



Original Color
155, 247, 23

Achromatopsia
173, 173, 173

Achromatomaly
165, 200, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 247, 23 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(247, 164, 23)` looks like.

```
.text, #text, p{  
    color:rgb(247, 164, 23)  
}
```

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(247, 164, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 164, 23) }
```

Border

The CSS property to change the border of an element to RYB 155, 247, 23 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(247, 164, 23) }
```

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

```
.border{ border-color:rgb(247, 164, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 164, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 164, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 164, 23);  
box-shadow:4px 4px 4px 4px rgb(247, 164,  
23) }
```

Background

The CSS property to change the background color of an element to RGB 155, 247, 23 is called "background".

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

```
.background, #background, body{  
background: rgb(247, 164, 23) }
```

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

```
.background{ background-color: rgb(247,  
164, 23) }
```

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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