

Converting Colors

`RYB(113, 252, 100)`

Have a look what the booklet for
RYB(113, 252, 100) contains.

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Color

`RYB(113, 252, 100)`

Conversions

Conversions Part 1

Format	Color
Hex	FCF064
RGB	252, 240, 100
RGB Percent	99%, 94%, 39%
CMY	0.0118, 0.0587, 0.6078
CMYK	0.00, 0.05, 0.60, 0.01
HSL	55°, 96%, 69%
HSV	55°, 60%, 99%
XYZ	73.6124, 83.9500, 24.3808
YIQ	227.6280, 52.0920, -40.9960

Conversions

Conversions Part 2

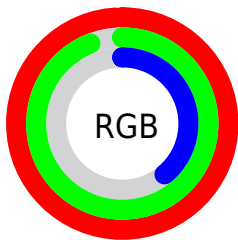
Format	Color
RYB	113, 252, 100
Decimal	16576612
CIELab	93.43, -12.51, 67.22
CIELCh	93, 68.375, 100.538
Yxy	83.9500, 0.4046, 0.4614
Android (android.graphics.Color)	4294766692 (0xFFFCF064)
YUV	227.6280, -62.9206, 21.3742
Hunter-Lab	91.6242, -16.9327, 48.3602

Details

The RYB color **113, 252, 100** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **100, 111, 252**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **156, 255, 156**, and **50, 192, 42** is the 20% darker color. If you saturate the color by 10%, you get **90, 252, 75**, and if you desaturate by 10%, it is **136, 252, 125**.

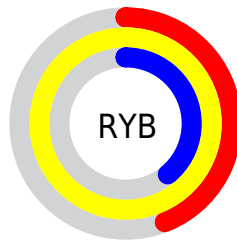
Distribution



Red (99%)

Green (94%)

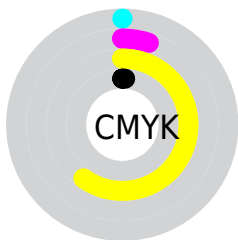
Blue (39%)



Red (44%)

Yellow (99%)

Blue (39%)

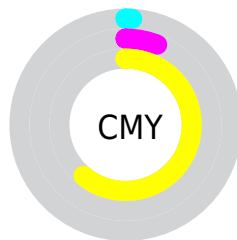


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 252, 100 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 113, 252, 100 by changing the saturation by 10% instead.

 113, 252, 100

255, 255, 255

 156, 255, 156


 184, 255, 184


 213, 255, 213


 242, 255, 242

 113, 252, 100

 83, 222, 72

 50, 192, 42

 5, 163, 0


 3, 135, 0

 0, 107, 0

 0, 83, 3

 0, 60, 7

 0, 38, 10

 0, 19, 19

■ 113, 252, 100

■ 113, 252, 100

■ 90, 252, 75

■ 136, 252, 125

■ 67, 252, 50

■ 159, 252, 150

■ 44, 252, 24

■ 183, 252, 176

■ 22, 252, 0

■ 205, 252, 201

■ 228, 252, 226

■ 251, 252, 251

■ 252, 253, 255

■ 252, 254, 255

Harmonies

Analogous

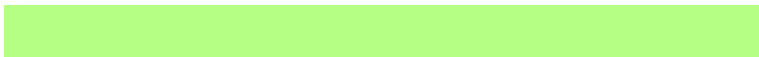
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161, 255, 110



113, 252, 100



132, 255, 207

Triad

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



113, 252, 100



0, 128, 255



255, 186, 255

Complementary

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



113, 252, 100



100, 111, 252

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.



255, 209, 255



113, 252, 100



0, 128, 255

Square

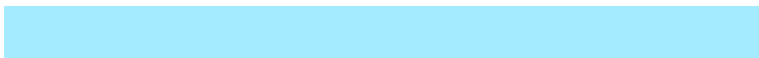
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



113, 252, 100



0, 128, 255



164, 204, 255



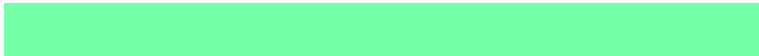
255, 179, 215

Rectangle

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



113, 252, 100



118, 218, 255



164, 204, 255



255, 193, 255

Sweetspot

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



113, 252, 100



213, 255, 209



252, 100, 113



102, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



113, 252, 100



86, 255, 71



100, 252, 163



113, 125, 112



16, 189, 0



5, 61, 0

Inverse Universe

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



100, 111, 252



71, 85, 255



163, 100, 252



112, 113, 125



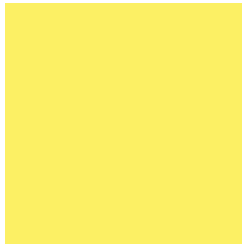
0, 14, 189



0, 5, 61

Previews

White Background



This preview shows how the RYB color 113, 252, 100 looks on a white background.

Color Contrast Check

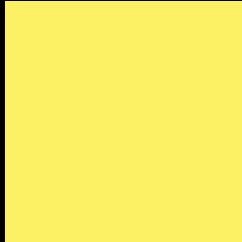
Large Text (above 18pt) WCAG AA × Fail

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 113, 252, 100 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 113, 252, 100 Background



This preview shows how black text looks on a background with the RYB color 113, 252, 100.

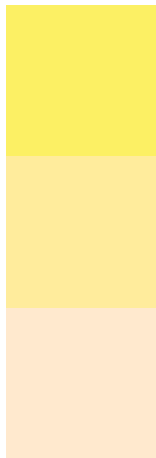


This preview shows how white text looks on a background with the RYB color 113, 252, 100.

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
113, 252, 100

Protanopia
180, 255, 156

Deuteranopia
246, 255, 206



Tritanopia

255, 229, 240

Trichromacy



Original Color

113, 252, 100



Protanomaly

156, 254, 136



Deuteranomaly

190, 254, 167



Tritanomaly

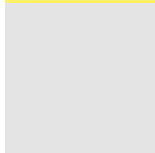
220, 254, 189

Monochromacy



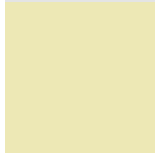
Original Color

113, 252, 100



Achromatopsia

228, 228, 228



Achromatomaly

186, 237, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 252, 100 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(252, 240, 100)` looks like.

```
.text, #text, p{  
    color:rgb(252, 240, 100)  
}
```

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(252, 240, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 240, 100) }
```

Border

The CSS property to change the border of an element to RYB 113, 252, 100 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(252, 240, 100) }
```

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

```
.border{ border-color:rgb(252, 240, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 240, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 240, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 240, 100);  
box-shadow:4px 4px 4px 4px rgb(252, 240,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 113, 252, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 100) }
```

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

```
.background{ background-color: rgb(252,  
240, 100) }
```

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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