

Converting Colors

`RYB(144, 240, 161)`

Have a look what the booklet for
RYB(144, 240, 161) contains.

RYB(144, 240, 161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(144, 240, 161)

Conversions

Conversions Part 1

Format	Color
Hex	DFF090
RGB	223, 240, 144
RGB Percent	87%, 94%, 56%
CMY	0.1255, 0.0588, 0.4353
CMYK	0.07, 0.00, 0.40, 0.06
HSL	71°, 76%, 75%
HSV	71°, 40%, 94%
XYZ	66.6256, 80.0218, 38.3198
YIQ	223.9730, 20.6840, -33.4600

Conversions

Conversions Part 2

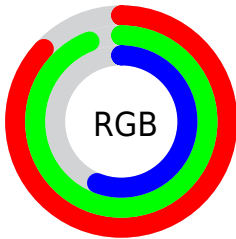
Format	Color
RYB	144, 240, 161
Decimal	14676112
CIELab	91.69, -20.04, 44.48
CIELCh	92, 48.783, 114.259
Yxy	80.0218, 0.3602, 0.4326
Android (android.graphics.Color)	4292866192 (0xFFDFF090)
YUV	223.9730, -39.4267, -0.8533
Hunter-Lab	89.4549, -23.6001, 37.2204

Details

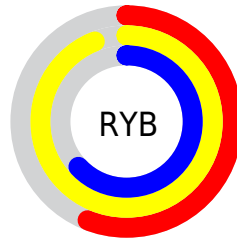
The RYB color **144, 240, 161** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **161, 144, 240**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **199, 255, 199**, and **92, 184, 110** is the 20% darker color. If you saturate the color by 10%, you get **120, 240, 141**, and if you desaturate by 10%, it is **168, 240, 181**.

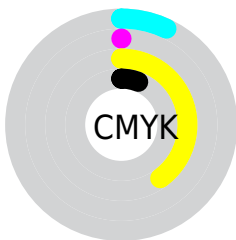
Distribution



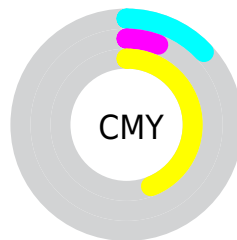
- Red (87%)
- Green (94%)
- Blue (56%)



- Red (56%)
- Yellow (94%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (40%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 240, 161 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 144, 240, 161 by changing the saturation by 10% instead.

 144, 240, 161


255, 255, 255

 199, 255, 199


 227, 255, 227

 144, 240, 161


 117, 212, 135

 92, 184, 110


 66, 157, 84


 41, 131, 60

 13, 106, 33

 0, 82, 21

 0, 59, 22

 0, 37, 27

 0, 12, 12

 144, 240, 161

 144, 240, 161

 120, 240, 141

 168, 240, 181

 96, 240, 122

 192, 240, 201

 72, 240, 102

 216, 240, 220

 48, 240, 82

 240, 240, 240

 24, 240, 62

 244, 240, 255

 0, 240, 43

 248, 240, 255

 253, 240, 255

 255, 240, 255

Harmonies

Analogous

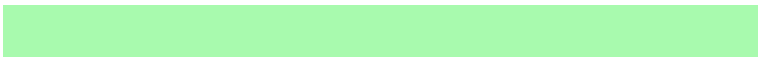
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 255, 137



144, 240, 161



168, 244, 250

Triad

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



144, 240, 161



50, 151, 255



255, 195, 242

Complementary

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



144, 240, 161



161, 144, 240

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, 206, 255



144, 240, 161



146, 196, 255

Square

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



144, 240, 161



4, 130, 255



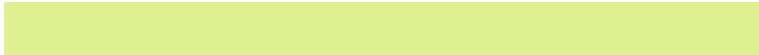
223, 222, 255



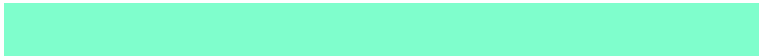
255, 197, 195

Rectangle

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



144, 240, 161



127, 206, 254



223, 222, 255



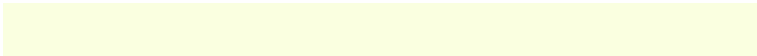
255, 198, 255

Sweetspot

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



144, 240, 161



224, 255, 229



240, 163, 144



110, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

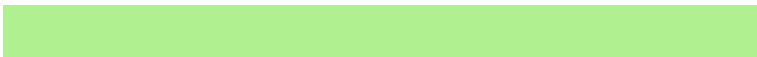
The Same Dimension uses a secret algorithm to generate beautiful new colors.



144, 240, 161



133, 255, 155



144, 240, 208



108, 120, 110



0, 184, 33



0, 56, 10

Inverse Universe

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



161, 144, 240



154, 133, 255



208, 144, 240



110, 108, 120



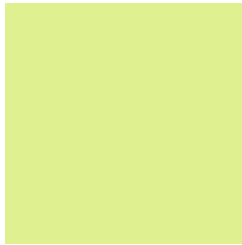
33, 0, 184



10, 0, 56

Previews

White Background



This preview shows how the RYB color 144, 240, 161 looks on a white background.

Color Contrast Check

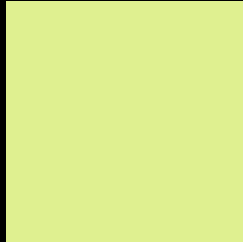
Large Text (above 18pt) WCAG AA × Fail

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 144, 240, 161 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 144, 240, 161 Background



This preview shows how black text looks on a background with the RYB color 144, 240, 161.

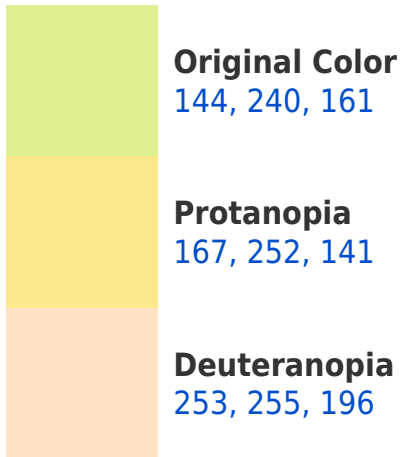


This preview shows how white text looks on a background with the RYB color 144, 240, 161.

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

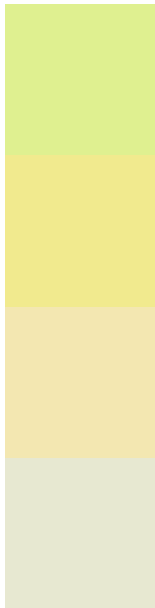




Tritanopia

236, 228, 246

Trichromacy



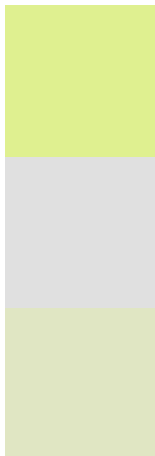
Original Color
144, 240, 161

Protanomaly
150, 241, 142

Deuteranomaly
192, 243, 177

Tritanomaly
209, 232, 210

Monochromacy



Original Color
144, 240, 161

Achromatopsia
224, 224, 224

Achromatomaly
195, 230, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 240, 161 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(223, 240, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 144)  
}
```

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(223, 240, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 240, 161 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(223, 240, 144) }
```

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

```
.border{ border-color:rgb(223, 240, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 240, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 240, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 144) }
```

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

```
.background{ background-color: rgb(223,  
240, 144) }
```

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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