

Converting Colors

`RYB(153, 230, 124)`

Have a look what the booklet for
RYB(153, 230, 124) contains.

RYB(153, 230, 124)	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(153, 230, 124)

Conversions

Conversions Part 1

Format	Color
Hex	E6CF7C
RGB	230, 207, 124
RGB Percent	90%, 81%, 49%
CMY	0.0980, 0.1873, 0.5137
CMYK	0.00, 0.10, 0.46, 0.10
HSL	47°, 68%, 69%
HSV	47°, 46%, 90%
XYZ	58.6397, 63.0152, 28.1413
YIQ	204.4150, 40.3510, -20.9370

Conversions

Conversions Part 2

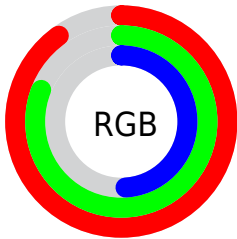
Format	Color
RYB	153, 230, 124
Decimal	15126396
CIELab	83.45, -3.01, 44.07
CIELCh	83, 44.172, 93.912
Yxy	63.0152, 0.3915, 0.4207
Android (android.graphics.Color)	4293316476 (0xFFE6CF7C)
YUV	204.4150, -39.6446, 22.4380
Hunter-Lab	79.3821, -7.0605, 34.5489

Details

The RYB color **153, 230, 124** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **124, 143, 230**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **178, 255, 178**, and **98, 173, 73** is the 20% darker color. If you saturate the color by 10%, you get **137, 230, 101**, and if you desaturate by 10%, it is **170, 230, 147**.

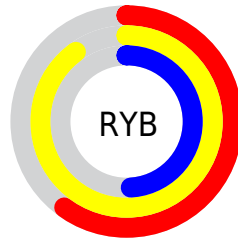
Distribution



Red (90%)

Green (81%)

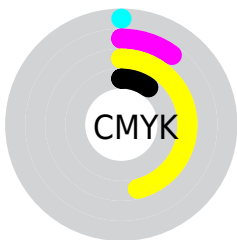
Blue (49%)



Red (60%)

Yellow (90%)

Blue (49%)

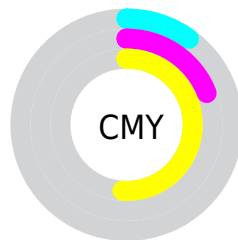


Cyan (0%)

Magenta (10%)

Yellow (46%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 230, 124 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 153, 230, 124 by changing the saturation by 10% instead.

 153, 230, 124

 153, 230, 124


255, 255, 255

 124, 201, 98


 178, 255, 178

 98, 173, 73


 206, 255, 206

 70, 145, 48

 234, 255, 234

 41, 118, 22

 14, 91, 0

 12, 66, 0

 7, 41, 0

 0, 14, 2

 0, 0, 0

■ 153, 230, 124

■ 153, 230, 124

■ 137, 230, 101

■ 170, 230, 147

■ 120, 230, 78

■ 187, 230, 170

■ 104, 230, 55

■ 203, 230, 193

■ 87, 230, 32

■ 220, 230, 216

■ 69, 230, 9

■ 230, 232, 239

■ 62, 230, 0

■ 230, 235, 255

■ 230, 238, 255

■ 230, 240, 255

■ 230, 242, 255

Harmonies

Analogous

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



255, 249, 134



153, 230, 124



137, 219, 170

Triad

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



153, 230, 124



12, 126, 253



255, 181, 245

Complementary

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



153, 230, 124



124, 143, 230

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.



220, 195, 255



153, 230, 124



81, 159, 255

Square

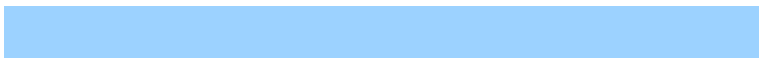
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



153, 230, 124



76, 158, 230



156, 191, 255



255, 175, 204

Rectangle

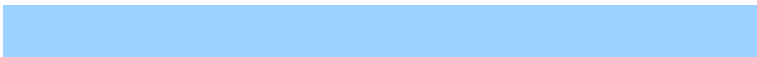
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153, 230, 124



153, 220, 225



156, 191, 255



252, 185, 255

Sweetspot

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



153, 230, 124



229, 255, 219



230, 124, 147



112, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



153, 230, 124



153, 255, 115



124, 230, 154



107, 115, 103



50, 179, 0



14, 51, 0

Inverse Universe

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



124, 143, 230



115, 140, 255



154, 124, 230



103, 105, 115



0, 31, 179



0, 9, 51

Previews

White Background



This preview shows how the RYB color 153, 230, 124 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 153, 230, 124 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 153, 230, 124 Background



This preview shows how black text looks on a background with the RYB color 153, 230, 124.

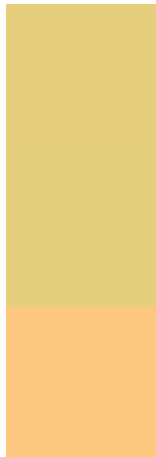


This preview shows how white text looks on a background with the RYB color 153, 230, 124.

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
153, 230, 124

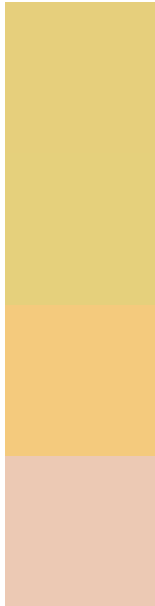
Protanopia
149, 228, 124

Deuteranopia
217, 252, 126



Tritanopia
239, 197, 212

Trichromacy



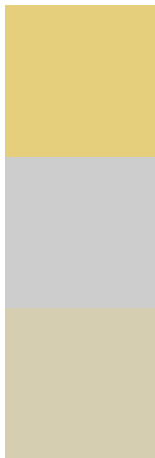
Original Color
153, 230, 124

Protanomaly
150, 229, 124

Deuteranomaly
190, 244, 125

Tritanomaly
236, 214, 180

Monochromacy



Original Color
153, 230, 124

Achromatopsia
205, 205, 205

Achromatomaly
186, 214, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 230, 124 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(230, 207, 124)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 124)  
}
```

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(230, 207, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 124) }
```

Border

The CSS property to change the border of an element to RYB 153, 230, 124 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(230, 207, 124) }
```

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

```
.border{ border-color:rgb(230, 207, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 207, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 124);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 153, 230, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 124) }
```

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

```
.background{ background-color: rgb(230,  
207, 124) }
```

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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