

Converting Colors

`RYB(124, 215, 170)`

Have a look what the booklet for
RYB(124, 215, 170) contains.

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Color

R_YB(124, 215, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A9D77C
RGB	169, 215, 124
RGB Percent	66%, 84%, 49%
CMY	0.3373, 0.1569, 0.5137
CMYK	0.21, 0.00, 0.42, 0.16
HSL	90°, 53%, 66%
HSV	90°, 42%, 84%
XYZ	44.3007, 58.4911, 28.0238
YIQ	190.8720, 1.7950, -38.0530

Conversions

Conversions Part 2

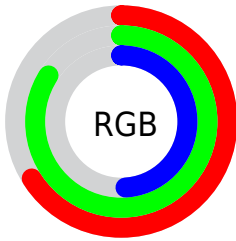
Format	Color
RYB	124, 215, 170
Decimal	11130748
CIELab	81.01, -30.48, 40.04
CIELCh	81, 50.324, 127.281
Yxy	58.4911, 0.3386, 0.4471
Android (android.graphics.Color)	4289320828 (0xFFA9D77C)
YUV	190.8720, -32.9679, -19.1817
Hunter-Lab	76.4795, -30.4431, 31.8105

Details

The RYB color **124, 215, 170** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **170, 124, 215**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **178, 255, 207**, and **73, 160, 118** is the 20% darker color. If you saturate the color by 10%, you get **102, 215, 159**, and if you desaturate by 10%, it is **146, 215, 181**.

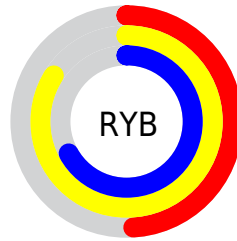
Distribution



Red (66%)

Green (84%)

Blue (49%)



Red (49%)

Yellow (84%)

Blue (67%)

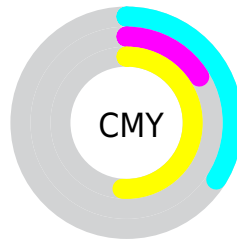


Cyan (21%)

Magenta (0%)

Yellow (42%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 215, 170 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 124, 215, 170 by changing the saturation by 10% instead.

 124, 215, 170


255, 255, 255


 178, 255, 207


 206, 255, 206


 234, 255, 234


 124, 215, 170

 98, 187, 143


 73, 160, 118

 48, 134, 93

 23, 108, 68

 0, 84, 47

 0, 60, 50

 0, 38, 38

 0, 7, 7

 0, 0, 0

 124, 215, 170

 124, 215, 170

 102, 215, 159

 146, 215, 181

 81, 215, 149

 167, 215, 191

 59, 215, 138

 189, 215, 202

 38, 215, 127

 210, 215, 213

 16, 215, 116

 223, 215, 232

 0, 215, 109

 234, 215, 253

 245, 215, 255

 255, 215, 255

Harmonies

Analogous

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



125, 219, 105



124, 215, 170



107, 185, 223

Triad

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



124, 215, 170



2, 118, 255



255, 163, 191

Complementary

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



124, 215, 170



170, 124, 215

Split Complementary

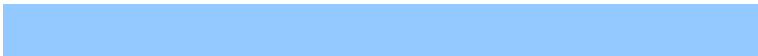
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 169, 239



124, 215, 170



147, 183, 255

Square

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



124, 215, 170



0, 119, 255



221, 185, 255



255, 177, 146

Rectangle

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



124, 215, 170



42, 142, 225



221, 185, 255



255, 163, 207

Sweetspot

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



124, 215, 170



222, 255, 239



213, 215, 124



107, 128, 118



0, 0, 0



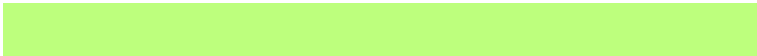
128, 128, 128

Same Dimension

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



124, 215, 170



125, 255, 191



124, 215, 215



96, 107, 101



0, 171, 87



0, 43, 22

Inverse Universe

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



170, 124, 215



191, 125, 255



215, 124, 215



102, 96, 107



86, 0, 171



22, 0, 43

Previews

White Background



This preview shows how the RYB color 124, 215, 170 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 124, 215, 170 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 124, 215, 170 Background



This preview shows how black text looks on a background with the RYB color 124, 215, 170.

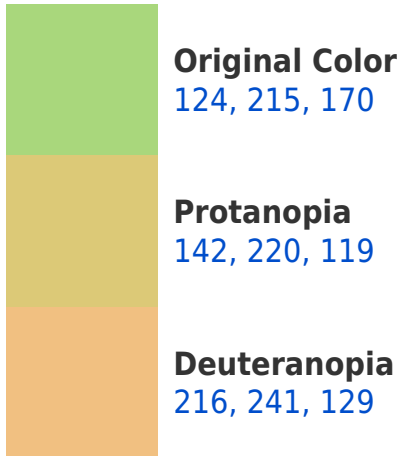


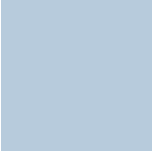
This preview shows how white text looks on a background with the RYB color 124, 215, 170.

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
183, 196, 220

Trichromacy



Original Color

124, 215, 170



Protanomaly

121, 206, 126



Deuteranomaly

145, 215, 127



Tritanomaly

178, 202, 208

Monochromacy



Original Color

124, 215, 170



Achromatopsia

191, 191, 191



Achromatomaly

167, 200, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 215, 170 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(169, 215, 124)` looks like.

```
.text, #text, p{  
    color:rgb(169, 215, 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(169, 215, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 215, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 215, 170 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(169, 215, 124) }
```

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

```
.border{ border-color:rgb(169, 215, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 215, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 215, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 215, 124);  
box-shadow:4px 4px 4px 4px rgb(169, 215,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 215, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 215, 124) }
```

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

```
.background{ background-color: rgb(169,  
215, 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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