

Converting Colors

`RYB(125, 215, 110)`

Have a look what the booklet for
RYB(125, 215, 110) contains.

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Color

R_{YB}(125, 215, 110)

Conversions

Conversions Part 1

Format	Color
Hex	D7CA6E
RGB	215, 202, 110
RGB Percent	84%, 79%, 43%
CMY	0.1569, 0.2083, 0.5686
CMYK	0.00, 0.06, 0.49, 0.16
HSL	52°, 57%, 64%
HSV	52°, 49%, 84%
XYZ	51.9300, 57.7553, 23.1627
YIQ	195.3990, 37.2800, -25.8560

Conversions

Conversions Part 2

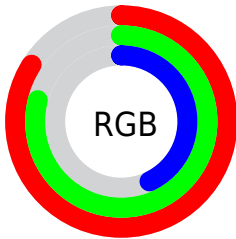
Format	Color
RYB	125, 215, 110
Decimal	14142062
CIELab	80.60, -7.64, 47.16
CIELCh	81, 47.779, 99.195
Yxy	57.7553, 0.3909, 0.4347
Android (android.graphics.Color)	4292332142 (0xFFD7CA6E)
YUV	195.3990, -42.1017, 17.1901
Hunter-Lab	75.9969, -11.0224, 35.1271

Details

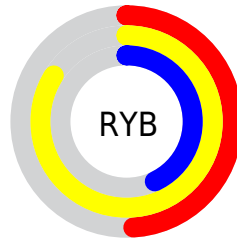
The RYB color **125, 215, 110** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **110, 122, 215**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **163, 255, 163**, and **70, 158, 59** is the 20% darker color. If you saturate the color by 10%, you get **107, 215, 89**, and if you desaturate by 10%, it is **143, 215, 132**.

Distribution



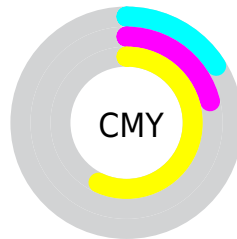
- Red (84%)
- Green (79%)
- Blue (43%)



- Red (49%)
- Yellow (84%)
- Blue (43%)



- Cyan (0%)
- Magenta (6%)
- Yellow (49%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 215, 110 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 125, 215, 110 by changing the saturation by 10% instead.

 125, 215, 110

255, 255, 255


 163, 255, 163


 191, 255, 191

 219, 255, 219

 248, 255, 248

 125, 215, 110


 96, 186, 84

 70, 158, 59

 43, 131, 33

 7, 104, 1

 4, 78, 0

 1, 53, 0

 0, 31, 3

 0, 4, 4

 0, 0, 0

 125, 215, 110

 125, 215, 110

 107, 215, 89


 143, 215, 132

 87, 215, 67


 162, 215, 153

 70, 215, 46


 181, 215, 175

 51, 215, 24

 198, 215, 196

 34, 215, 3

 215, 215, 218

 31, 215, 0

 215, 218, 239

 215, 220, 255

 215, 222, 255

 215, 224, 255

Harmonies

Analogous

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



248, 254, 117



125, 215, 110



129, 214, 176

Triad

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



125, 215, 110



0, 118, 255



255, 169, 233

Complementary

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



125, 215, 110



110, 122, 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.



223, 183, 255



125, 215, 110



58, 145, 255

Square

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



125, 215, 110



0, 115, 224



155, 186, 255



255, 164, 188

Rectangle

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



125, 215, 110



129, 200, 219



155, 186, 255



255, 173, 246

Sweetspot

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



125, 215, 110



223, 255, 217



215, 110, 124



108, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



125, 215, 110



127, 255, 105



110, 215, 148



97, 107, 96



25, 171, 0



6, 43, 0

Inverse Universe

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



110, 122, 215



105, 121, 255



148, 110, 215



96, 98, 107



0, 19, 171



0, 4, 43

Previews

White Background



This preview shows how the RYB color 125, 215, 110 looks on a white background.

Color Contrast Check

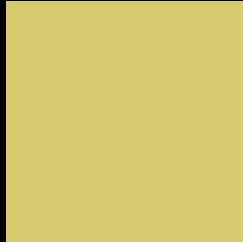
Large Text (above 18pt) WCAG AA × Fail

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 125, 215, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

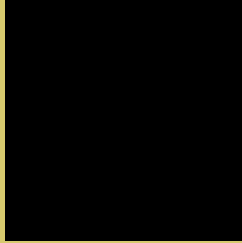
Any Text WCAG AA ✓ Pass

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](#).

RYP 125, 215, 110 Background



This preview shows how black text looks on a background with the RYP color 125, 215, 110.



This preview shows how white text looks on a background with the RYP color 125, 215, 110.

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
125, 215, 110

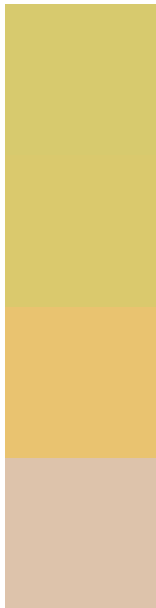
Protanopia
133, 220, 109

Deuteranopia
202, 244, 113



Tritanopia
225, 191, 206

Trichromacy



Original Color
125, 215, 110

Protanomaly
129, 218, 109

Deuteranomaly
167, 233, 112

Tritanomaly
221, 217, 171

Monochromacy



Original Color
125, 215, 110

Achromatopsia
195, 195, 195

Achromatomaly
168, 202, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 215, 110 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(215, 202, 110)` looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 110)  
}
```

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(215, 202, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 110) }
```

Border

The CSS property to change the border of an element to RYB 125, 215, 110 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(215, 202, 110) }
```

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

```
.border{ border-color:rgb(215, 202, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 202, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 110);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 125, 215, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 110) }
```

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

```
.background{ background-color: rgb(215,  
202, 110) }
```

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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