

Converting Colors

`RYB(180, 221, 162)`

Have a look what the booklet for
RYB(180, 221, 162) contains.

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Color

R_YB(180, 221, 162)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFA2
RGB	221, 207, 162
RGB Percent	87%, 81%, 64%
CMY	0.1333, 0.1874, 0.3647
CMYK	0.00, 0.06, 0.27, 0.13
HSL	46°, 46%, 75%
HSV	46°, 27%, 87%
XYZ	58.7036, 62.7072, 43.1921
YIQ	206.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

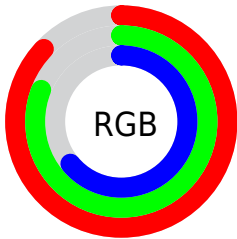
Format	Color
RYB	180, 221, 162
Decimal	14536610
CIELab	83.29, -2.16, 24.23
CIELCh	83, 24.329, 95.092
Yxy	62.7072, 0.3566, 0.3810
Android (android.graphics.Color)	4292726690 (0xFFDDCFA2)
YUV	206.0560, -21.7196, 13.1059
Hunter-Lab	79.1879, -6.2531, 23.0925

Details

The RYB color **180, 221, 162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162, 173, 221**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **217, 255, 217**, and **125, 165, 110** is the 20% darker color. If you saturate the color by 10%, you get **165, 221, 140**, and if you desaturate by 10%, it is **196, 221, 184**.

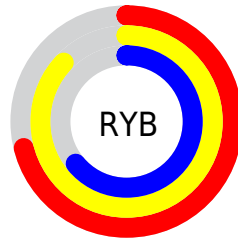
Distribution



Red (87%)

Green (81%)

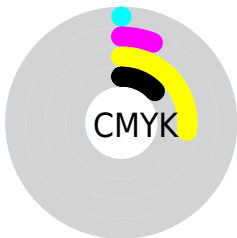
Blue (64%)



Red (71%)

Yellow (87%)

Blue (64%)

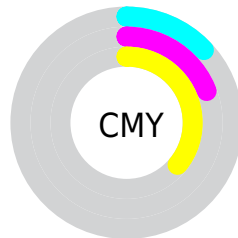


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 221, 162 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 180, 221, 162 by changing the saturation by 10% instead.

 180, 221, 162

255, 255, 255

 217, 255, 217

 246, 255, 246

 180, 221, 162

 153, 193, 136

 125, 165, 110

 99, 138, 85

 75, 112, 62

 50, 87, 39

 26, 63, 18

 8, 41, 0

 0, 13, 0

 0, 0, 0

 180, 221, 162

 180, 221, 162

 165, 221, 140

 196, 221, 184


 149, 221, 118


 210, 221, 206


 134, 221, 96

 221, 223, 228


 118, 221, 74

 221, 227, 250

 103, 221, 51


 221, 230, 255

 88, 221, 29

 221, 232, 255

 72, 221, 7

 221, 234, 255

 68, 221, 0

 221, 236, 255

 221, 238, 255

Harmonies

Analogous

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



242, 226, 167



180, 221, 162



170, 214, 188

Triad

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



180, 221, 162



144, 185, 233



241, 194, 227

Complementary

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



180, 221, 162



162, 173, 221

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.



216, 200, 245



180, 221, 162



158, 193, 248

Square

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



180, 221, 162



150, 188, 221



186, 203, 253



254, 191, 204

Rectangle

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



180, 221, 162



178, 215, 218



186, 203, 253



234, 196, 234

Sweetspot

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



180, 221, 162



242, 255, 235



221, 162, 177



119, 128, 115



0, 0, 0



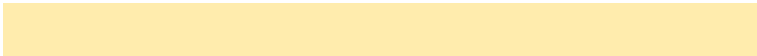
128, 128, 128

Same Dimension

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



180, 221, 162



198, 255, 173



162, 221, 177



103, 110, 99



52, 173, 0



14, 46, 0

Inverse Universe

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



162, 173, 221



173, 188, 255



177, 162, 221



99, 101, 110



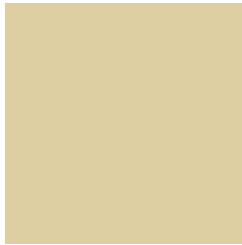
0, 33, 173



0, 9, 46

Previews

White Background



This preview shows how the RYB color 180, 221, 162 looks on a white background.

Color Contrast Check

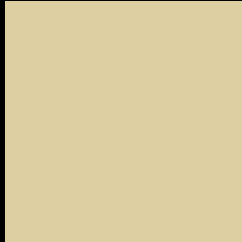
Large Text (above 18pt) WCAG AA × Fail

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 180, 221, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

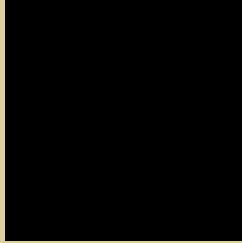
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

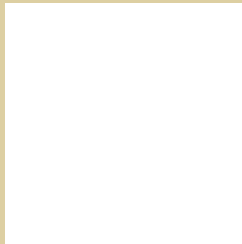
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 180, 221, 162 Background



This preview shows how black text looks on a background with the RYP color 180, 221, 162.



This preview shows how white text looks on a background with the RYP color 180, 221, 162.

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
180, 221, 162

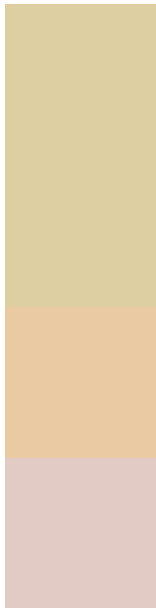
Protanopia
180, 221, 162

Deuteranopia
242, 227, 164



Tritanopia
228, 200, 216

Trichromacy



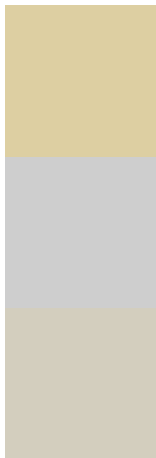
Original Color
180, 221, 162

Protanomaly
180, 221, 162

Deuteranomaly
221, 234, 163

Tritanomaly
225, 205, 196

Monochromacy



Original Color
180, 221, 162

Achromatopsia
206, 206, 206

Achromatomaly
197, 211, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 221, 162 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(221, 207, 162) looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 162)  
}
```

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(221, 207, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 162) }
```

Border

The CSS property to change the border of an element to RYB 180, 221, 162 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(221, 207, 162) }
```

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

```
.border{ border-color:rgb(221, 207, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 162);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 180, 221, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 162) }
```

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

```
.background{ background-color: rgb(221,  
207, 162) }
```

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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