

Converting Colors

`RYB(184, 222, 117)`

Have a look what the booklet for
RYB(184, 222, 117) contains.

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Color

R_YB(184, 222, 117)

Conversions

Conversions Part 1

Format	Color
Hex	DEB575
RGB	222, 181, 117
RGB Percent	87%, 71%, 46%
CMY	0.1294, 0.2898, 0.5412
CMYK	0.00, 0.18, 0.47, 0.13
HSL	37°, 61%, 66%
HSV	37°, 47%, 87%
XYZ	49.8791, 49.9019, 23.8327
YIQ	185.9630, 44.9800, -11.2120

Conversions

Conversions Part 2

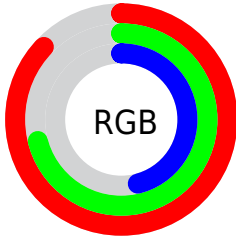
Format	Color
RYB	184, 222, 117
Decimal	14595445
CIELab	76.01, 6.71, 38.10
CIElCh	76, 38.691, 80.011
Yxy	49.9019, 0.4035, 0.4037
Android (android.graphics.Color)	4292785525 (0xFFDEB575)
YUV	185.9630, -33.9988, 31.6044
Hunter-Lab	70.6413, 2.4147, 29.4458

Details

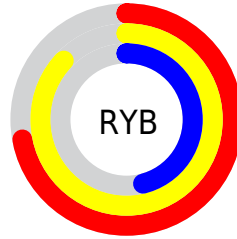
The RYB color **184, 222, 117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **117, 146, 222**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **193, 255, 170**, and **126, 165, 67** is the 20% darker color. If you saturate the color by 10%, you get **177, 222, 95**, and if you desaturate by 10%, it is **191, 222, 139**.

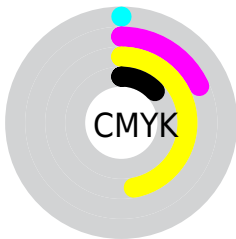
Distribution



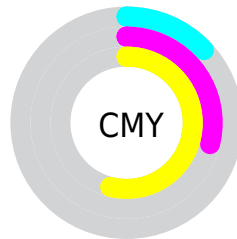
- Red (87%)
- Green (71%)
- Blue (46%)



- Red (72%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 222, 117 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 184, 222, 117 by changing the saturation by 10% instead.

 184, 222, 117


255, 255, 255

 193, 255, 170

 198, 255, 198

 226, 255, 226

 184, 222, 117

 156, 193, 92

 126, 165, 67

 96, 137, 43

 66, 110, 19

 40, 84, 0

 38, 58, 0

 33, 28, 0

 0, 0, 0

 184, 222, 117

 184, 222, 117

■ 177, 222, 95

■ 191, 222, 139

■ 168, 222, 73

■ 201, 222, 161

■ 160, 222, 50

■ 209, 222, 184

■ 150, 222, 28

■ 216, 222, 206

■ 143, 222, 6

■ 222, 224, 228

■ 140, 222, 0

■ 222, 230, 250

■ 222, 234, 255

■ 222, 237, 255

■ 222, 239, 255

Harmonies

Analogous

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



247, 185, 134



184, 222, 117



119, 193, 125

Triad

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



184, 222, 117



57, 133, 211



221, 170, 234

Complementary

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



184, 222, 117



117, 146, 222

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.



174, 182, 254



184, 222, 117



60, 140, 241

Square

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



184, 222, 117



101, 163, 206



117, 166, 255



249, 161, 201

Rectangle

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



184, 222, 117



131, 199, 170



117, 166, 255



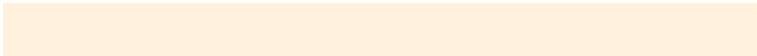
207, 174, 242

Sweetspot

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



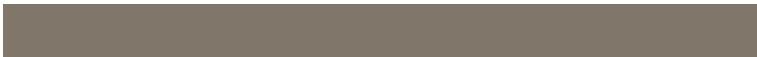
184, 222, 117



242, 255, 219



222, 117, 159



121, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



184, 222, 117



204, 255, 110



117, 222, 127



107, 112, 101



113, 176, 0



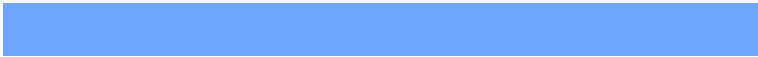
29, 48, 0

Inverse Universe

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



117, 146, 222



110, 150, 255



127, 117, 222



101, 104, 112



0, 50, 176



0, 14, 48

Previews

White Background



This preview shows how the RYB color 184, 222, 117 looks on a white background.

Color Contrast Check

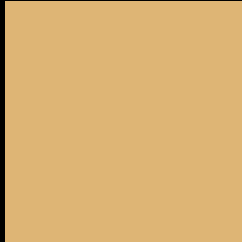
Large Text (above 18pt) WCAG AA × Fail

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 184, 222, 117 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](#).

R/Y/B 184, 222, 117 Background



This preview shows how black text looks on a background with the R/Y/B color 184, 222, 117.


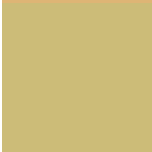




This preview shows how white text looks on a background with the R/Y/B color 184, 222, 117.

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](#).

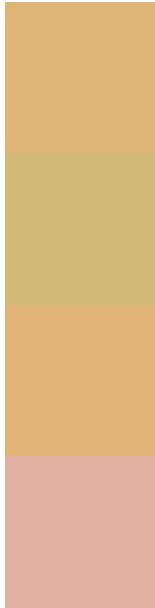
Dichromacy

	Original Color 184, 222, 117
	Protanopia 140, 204, 120
	Deuteranopia 202, 227, 117



Tritanopia
228, 173, 186

Trichromacy



Original Color
184, 222, 117

Protanomaly
155, 211, 119

Deuteranomaly
194, 225, 117

Tritanomaly
226, 181, 161

Monochromacy



Original Color
184, 222, 117

Achromatopsia
186, 186, 186

Achromatomaly
186, 199, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 222, 117 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(222, 181, 117)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 117)  
}
```

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(222, 181, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 117) }
```

Border

The CSS property to change the border of an element to RYB 184, 222, 117 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(222, 181, 117) }
```

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

```
.border{ border-color:rgb(222, 181, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 181, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 117);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 184, 222, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 117) }
```

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

```
.background{ background-color: rgb(222,  
181, 117) }
```

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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