

Converting Colors

`RYB(182, 224, 95)`

Have a look what the booklet for
RYB(182, 224, 95) contains.

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Color

`RYB(182, 224, 95)`

Conversions

Conversions Part 1

Format	Color
Hex	E0AC5F
RGB	224, 172, 95
RGB Percent	88%, 67%, 37%
CMY	0.1216, 0.3253, 0.6275
CMYK	0.00, 0.23, 0.58, 0.12
HSL	36°, 68%, 63%
HSV	36°, 58%, 88%
XYZ	47.5665, 46.1944, 17.2359
YIQ	178.7700, 55.7090, -12.9230

Conversions

Conversions Part 2

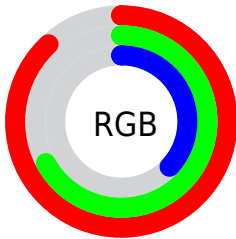
Format	Color
RYB	182, 224, 95
Decimal	14724191
CIELab	73.67, 10.45, 46.42
CIELCh	74, 47.579, 77.307
Yxy	46.1944, 0.4285, 0.4162
Android (android.graphics.Color)	4292914271 (0xFFE0AC5F)
YUV	178.7700, -41.2986, 39.6667
Hunter-Lab	67.9665, 5.9822, 32.5410

Details

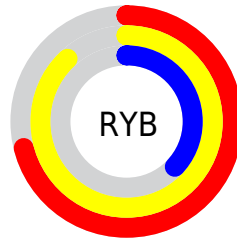
The RYB color **182, 224, 95** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **95, 132, 224**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **185, 255, 147**, and **119, 166, 45** is the 20% darker color. If you saturate the color by 10%, you get **175, 224, 73**, and if you desaturate by 10%, it is **189, 224, 117**.

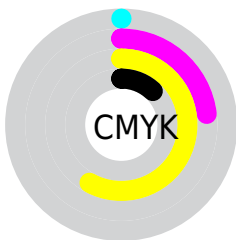
Distribution



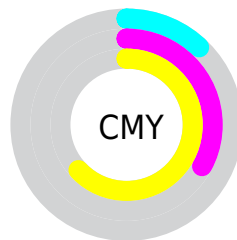
- Red (88%)
- Green (67%)
- Blue (37%)



- Red (71%)
- Yellow (88%)
- Blue (37%)



- Cyan (0%)
- Magenta (23%)
- Yellow (58%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the RYB color 182, 224, 95 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 182, 224, 95 by changing the saturation by 10% instead.

 182, 224, 95

 182, 224, 95

255, 255, 255

 151, 195, 70

 185, 255, 147

 119, 166, 45

 175, 255, 175

 83, 137, 18

 202, 255, 202

 56, 109, 0

 231, 255, 231

 58, 83, 0

 56, 56, 0

 32, 6, 0

 0, 0, 0

 182, 224, 95

 182, 224, 95

175, 224, 73

189, 224, 117

167, 224, 50

197, 224, 140

160, 224, 28

204, 224, 162

152, 224, 5

212, 224, 185

150, 224, 0

219, 224, 207

224, 225, 229

224, 232, 252

224, 236, 255

224, 239, 255

Harmonies

Analogous

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



253, 172, 119



182, 224, 95



95, 186, 98

Triad

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



182, 224, 95



0, 102, 206



217, 160, 241

Complementary

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



182, 224, 95



95, 132, 224

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.



156, 173, 255



182, 224, 95



0, 110, 244

Square

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



182, 224, 95



67, 147, 202



63, 140, 255



253, 148, 201

Rectangle

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



182, 224, 95



109, 194, 152



63, 140, 255



199, 166, 251

Sweetspot

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



182, 224, 95



240, 255, 212



224, 95, 149



121, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



182, 224, 95



198, 255, 79



95, 224, 106



107, 112, 101



119, 176, 0



31, 48, 0

Inverse Universe

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



95, 132, 224



79, 130, 255



106, 95, 224



101, 104, 112



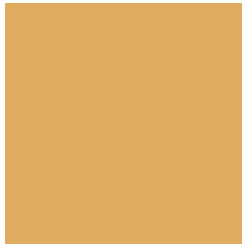
0, 51, 176



0, 14, 48

Previews

White Background



This preview shows how the RYB color 182, 224, 95 looks on a white background.

Color Contrast Check

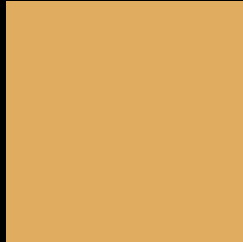
Large Text (above 18pt) WCAG AA × Fail

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 182, 224, 95 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 182, 224, 95 Background



This preview shows how black text looks on a background with the RYB color 182, 224, 95.



This preview shows how white text looks on a background with the RYB color 182, 224, 95.

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
182, 224, 95

Protanopia
121, 200, 98

Deuteranopia
175, 222, 95



Tritanopia
231, 163, 175

Trichromacy



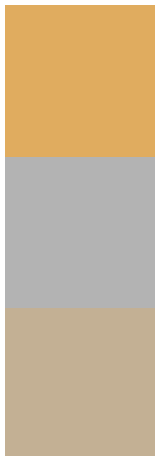
Original Color
182, 224, 95

Protanomaly
140, 209, 97

Deuteranomaly
177, 223, 95

Tritanomaly
228, 172, 146

Monochromacy



Original Color
182, 224, 95

Achromatopsia
179, 179, 179

Achromatomaly
180, 195, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 224, 95 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(224, 172, 95)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 95)  
}
```

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(224, 172, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 95) }
```

Border

The CSS property to change the border of an element to RYB 182, 224, 95 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(224, 172, 95) }
```

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

```
.border{ border-color:rgb(224, 172, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 172, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 95);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
95) }
```

Background

The CSS property to change the background color of an element to RGB 182, 224, 95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 95) }
```

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

```
.background{ background-color: rgb(224,  
172, 95) }
```

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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