

Converting Colors

`RYB(92, 214, 175)`

Have a look what the booklet for
RYB(92, 214, 175) contains.

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Color

RYB(92, 214, 175)

Conversions

Conversions Part 1

Format	Color
Hex	83D65C
RGB	131, 214, 92
RGB Percent	51%, 84%, 36%
CMY	0.4863, 0.1608, 0.6392
CMYK	0.39, 0.00, 0.57, 0.16
HSL	101°, 60%, 60%
HSV	101°, 57%, 84%
XYZ	35.3384, 53.6911, 18.6261
YIQ	175.2750, -10.3060, -55.5380

Conversions

Conversions Part 2

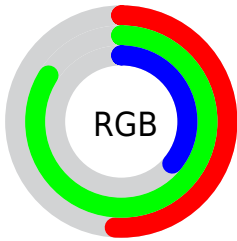
Format	Color
RYB	92, 214, 175
Decimal	8640092
CIELab	78.28, -46.85, 51.53
CIElCh	78, 69.645, 132.277
Yxy	53.6911, 0.3283, 0.4987
Android (android.graphics.Color)	4286830172 (0xFF83D65C)
YUV	175.2750, -41.0546, -38.8292
Hunter-Lab	73.2742, -42.1436, 36.2206

Details

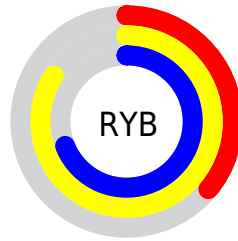
The RYB color **92, 214, 175** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **175, 92, 214**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **146, 255, 213**, and **38, 159, 123** is the 20% darker color. If you saturate the color by 10%, you get **71, 214, 169**, and if you desaturate by 10%, it is **113, 214, 181**.

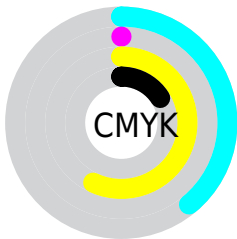
Distribution



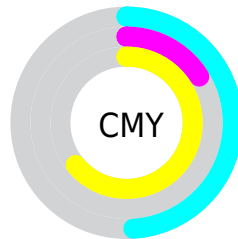
- Red (51%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 214, 175 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 92, 214, 175 by changing the saturation by 10% instead.



92, 214, 175



92, 214, 175

255, 255, 255



66, 186, 149



146, 255, 213



38, 159, 123



173, 255, 211



1, 132, 89



201, 255, 209



0, 106, 106



230, 255, 230



0, 81, 81



0, 57, 57



0, 35, 35



0, 0, 0



92, 214, 175



92, 214, 175

■ 71, 214, 169

■ 113, 214, 181

■ 49, 214, 161

■ 135, 214, 189

■ 28, 214, 155

■ 156, 214, 195

■ 6, 214, 147

■ 178, 214, 203

■ 0, 214, 146

■ 199, 214, 209

■ 218, 214, 220

■ 233, 214, 242

■ 247, 214, 255

■ 255, 214, 255

Harmonies

Analogous

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



58, 203, 54



92, 214, 175



0, 132, 222

Triad

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



92, 214, 175



0, 115, 255



255, 134, 170

Complementary

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



92, 214, 175



175, 92, 214

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, 140, 235



92, 214, 175



119, 167, 255

Square

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



92, 214, 175



0, 119, 255



231, 165, 255



255, 168, 109

Rectangle

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



92, 214, 175



0, 120, 225



231, 165, 255



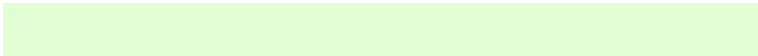
255, 133, 191

Sweetspot

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



92, 214, 175



212, 255, 241



154, 214, 92



102, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



92, 214, 175



82, 255, 200



92, 197, 214



96, 107, 103



0, 171, 116



0, 43, 29

Inverse Universe

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



175, 92, 214



200, 82, 255



214, 92, 194



104, 96, 107



116, 0, 171



29, 0, 43

Previews

White Background



This preview shows how the RYB color 92, 214, 175 looks on a white background.

Color Contrast Check

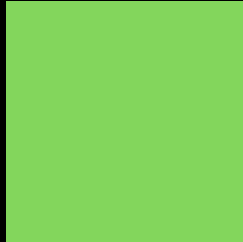
Large Text (above 18pt) WCAG AA × Fail

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 92, 214, 175 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 92, 214, 175 Background



This preview shows how black text looks on a background with the RYB color 92, 214, 175.

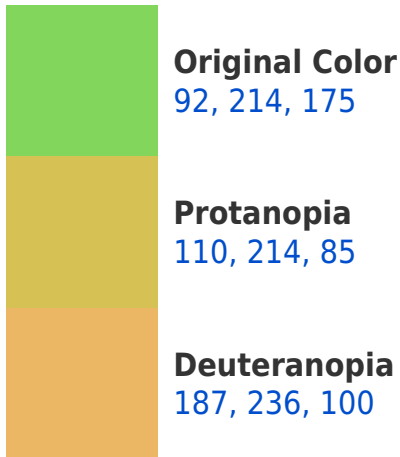


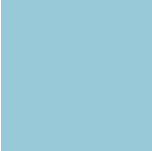
This preview shows how white text looks on a background with the RYB color 92, 214, 175.

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
152, 180, 217

Trichromacy



Original Color

92, 214, 175



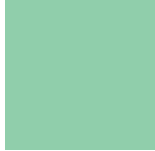
Protanomaly

88, 201, 105



Deuteranomaly

101, 198, 97



Tritanomaly

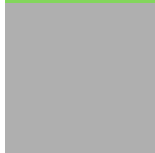
144, 187, 206

Monochromacy



Original Color

92, 214, 175



Achromatopsia

175, 175, 175



Achromatomaly

145, 189, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 214, 175 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(131, 214, 92)` looks like.

```
.text, #text, p{  
    color:rgb(131, 214, 92)  
}
```

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(131, 214, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 214, 92) }
```

Border

The CSS property to change the border of an element to RYB 92, 214, 175 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(131, 214, 92) }
```

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

```
.border{ border-color:rgb(131, 214, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 214, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 214, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 214, 92);  
box-shadow:4px 4px 4px 4px rgb(131, 214,  
92) }
```

Background

The CSS property to change the background color of an element to RGB 92, 214, 175 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 214, 92) }
```

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

```
.background{ background-color: rgb(131,  
214, 92) }
```

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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