

Converting Colors

`RYB(188, 220, 160)`

Have a look what the booklet for
RYB(188, 220, 160) contains.

RYB(188, 220, 160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(188, 220, 160)

Conversions

Conversions Part 1

Format	Color
Hex	DCC9A0
RGB	220, 201, 160
RGB Percent	86%, 79%, 63%
CMY	0.1373, 0.2121, 0.3725
CMYK	0.00, 0.09, 0.27, 0.14
HSL	41°, 46%, 75%
HSV	41°, 27%, 86%
XYZ	56.7258, 59.4846, 41.7496
YIQ	202.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

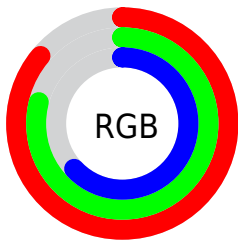
Format	Color
R _{YB}	188, 220, 160
Decimal	14469536
CIE Lab	81.56, 0.46, 22.90
CIE LCh	82, 22.908, 88.839
Yxy	59.4846, 0.3591, 0.3766
Android (android.graphics.Color)	4292659616 (0xFFDCC9A0)
YUV	202.0070, -20.7095, 15.7799
Hunter-Lab	77.1263, -3.6855, 21.8938

Details

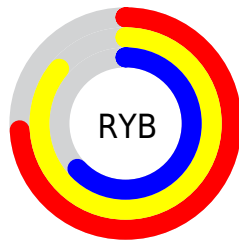
The RYB color **188, 220, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 174, 220**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **215, 255, 215**, and **132, 164, 108** is the 20% darker color. If you saturate the color by 10%, you get **176, 220, 138**, and if you desaturate by 10%, it is **200, 220, 182**.

Distribution



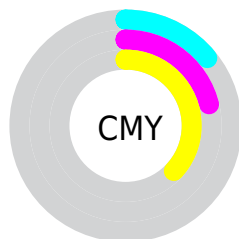
- Red (86%)
- Green (79%)
- Blue (63%)



- Red (74%)
- Yellow (86%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 188, 220, 160 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 188, 220, 160 by changing the saturation by 10% instead.


 188, 220, 160

 188, 220, 160

255, 255, 255

 160, 192, 134

 215, 255, 215

 132, 164, 108

 243, 255, 243

 107, 137, 84

 79, 111, 60

 56, 86, 38

 32, 62, 17

 13, 40, 0

 10, 10, 0

 0, 0, 0

 188, 220, 160


 188, 220, 160

 176, 220, 138


 200, 220, 182

 164, 220, 116

 211, 220, 204

 153, 220, 94

 220, 222, 226

 141, 220, 72

 220, 227, 248

 129, 220, 50

 220, 231, 255

 117, 220, 28

 220, 234, 255

 106, 220, 6

 220, 236, 255

 103, 220, 0

 220, 238, 255

Harmonies

Analogous

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



238, 211, 167



188, 220, 160



165, 208, 176

Triad

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



188, 220, 160



144, 181, 223



230, 191, 225

Complementary

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



188, 220, 160



160, 174, 220

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.



205, 197, 240



188, 220, 160



153, 188, 239

Square

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



188, 220, 160



152, 187, 215



177, 197, 245



244, 188, 204

Rectangle

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



188, 220, 160



174, 211, 205



177, 197, 245



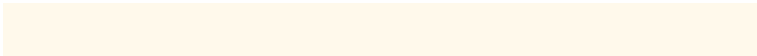
223, 193, 231

Sweetspot

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



188, 220, 160



244, 255, 235



220, 160, 180



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



188, 220, 160



211, 255, 171



160, 220, 170



105, 110, 99



81, 173, 0



22, 46, 0

Inverse Universe

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



160, 174, 220



171, 191, 255



170, 160, 220



99, 101, 110



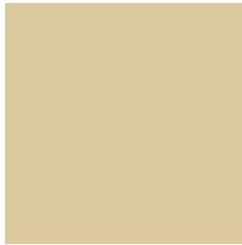
0, 42, 173



0, 11, 46

Previews

White Background



This preview shows how the RYB color 188, 220, 160 looks on a white background.

Color Contrast Check

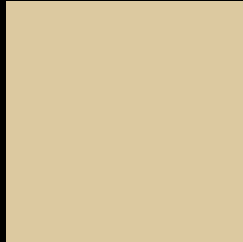
Large Text (above 18pt) WCAG AA × Fail

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 188, 220, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

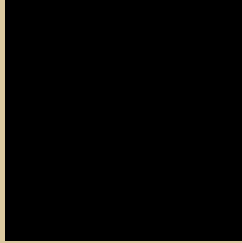
Any Text WCAG AA ✓ Pass

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 188, 220, 160 Background



This preview shows how black text looks on a background with the RYB color 188, 220, 160.



This preview shows how white text looks on a background with the RYB color 188, 220, 160.

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
188, 220, 160

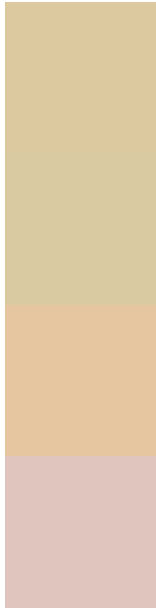
Protanopia
180, 216, 161

Deuteranopia
236, 223, 161



Tritanopia
226, 194, 209

Trichromacy



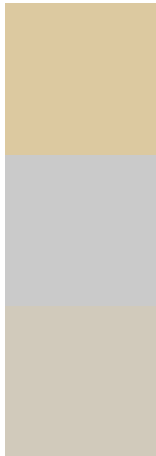
Original Color
188, 220, 160

Protanomaly
181, 217, 161

Deuteranomaly
224, 230, 161

Tritanomaly
224, 198, 191

Monochromacy



Original Color
188, 220, 160

Achromatopsia
202, 202, 202

Achromatomaly
197, 209, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 220, 160 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(220, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 160)  
}
```

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(220, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 160) }
```

Border

The CSS property to change the border of an element to RYB 188, 220, 160 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(220, 201, 160) }
```

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

```
.border{ border-color:rgb(220, 201, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(220, 201,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 188, 220, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 160) }
```

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

```
.background{ background-color: rgb(220,  
201, 160) }
```

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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