Converting Colors

RYB(206, 187, 158)

Have a look what the booklet for RYB(206, 187, 158) contains.

Color

RYB(206, 187, 158)

Conversions

Format	Color
Hex	CEB09E
RGB	206, 176, 158
RGB Percent	81%, 69%, 62%
CMY	0.1922, 0.3095, 0.3804
CMYK	0.00, 0.15, 0.23, 0.19
HSL	23°, 33%, 71%
HSV	23°, 23%, 81%
XYZ	47.1658, 46.6717, 38.8704
YIQ	182.9180, 23.6580, 0.7620

Conversions Part 1

Conversions

Conversions Part 2

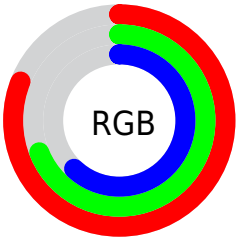
Format	Color
RYB	206, 187, 158
Decimal	13545630
CIELab	73.98, 8.01, 13.26
CIELCh	74, 15.490, 58.861
Yxy	46.6717, 0.3554, 0.3517
Android (android.graphics.Color)	4291735710 (0xFFCEB09E)
YUV	182.9180, -12.2846, 20.2429
Hunter-Lab	68.3167, 3.6821, 14.0872

Details

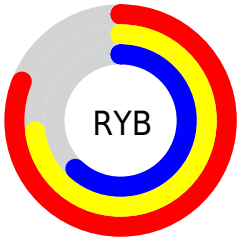
The RYB color 206, 187, 158 is a light color, and the websafe version is hex CC9999. A complement of this color would be 158, 176, 206, and the grayscale version is 183, 183, 183.

A 20% lighter version of the original color is 255, 248, 213, and 151, 135, 107 is the 20% darker color. If you saturate the color by 10%, you get 206, 179, 137, and if you desaturate by 10%, it is 206, 195, 179.

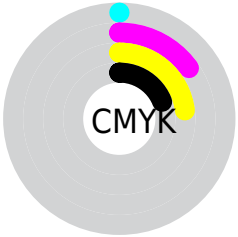
Distribution



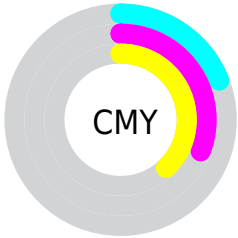
- Red (81%)
- Green (69%)
- Blue (62%)



- Red (81%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 187, 158 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 206, 187, 158 by changing the saturation by 10% instead.

206, 187, 158

255, 255, 255

255, 248, 213

241, 255, 241

206, 187, 158

178, 159, 132

151, 135, 107

125, 110, 82

99, 86, 59

75, 61, 38

51, 41, 17

30, 11, 0

0, 0, 0

206, 187, 158

206, 187, 158

206, 179, 137

206, 169, 117

206, 164, 96

206, 155, 76

206, 147, 55

206, 138, 34

206, 129, 14

206, 126, 0

206, 195, 179

206, 204, 199

206, 211, 220

206, 219, 240

206, 226, 255

206, 230, 255

206, 231, 255

Harmonies

Analogous

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

212, 173, 169

206, 187, 158

173, 194, 154

Triad

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

206, 187, 158

150, 173, 190

184, 178, 207

Complementary

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

206, 187, 158

158, 176, 206

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.

166, 178, 210

206, 187, 158

145, 169, 195

Square

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

206, 187, 158

162, 185, 189

151, 173, 206

200, 174, 197

Rectangle

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

206, 187, 158

155, 184, 155

151, 173, 206

178, 180, 209

Sweetspot

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

206, 187, 158

255, 248, 237

206, 158, 188

128, 123, 117

0, 0, 0

128, 128, 128

Same Dimension

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

206, 187, 158

255, 225, 184

165, 206, 158

102, 99, 92

166, 99, 0

38, 22, 0

Inverse Universe

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

158, 176, 206

184, 211, 255

158, 163, 206

92, 96, 102

0, 64, 166

0, 15, 38

Previews

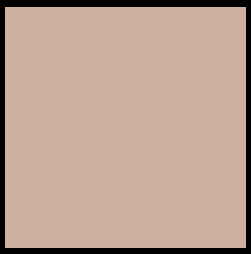
White Background

This preview shows how the RYB color 206, 187, 158 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



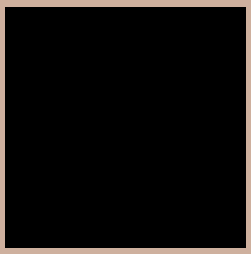
This preview shows how the RYB color 206, 187, 158 looks on a black background.

Color Contrast Check

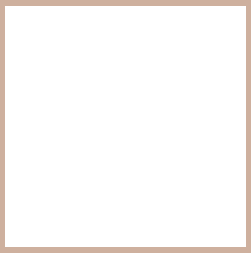
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 206, 187, 158 Background



This preview shows how black text looks on a background with the RYB color 206, 187, 158.



This preview shows how white text looks on a background with the RYB color 206, 187, 158.

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

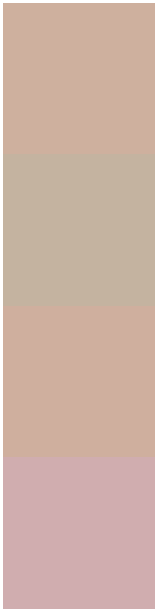
Original Color
206, 187, 158

Protanopia
174, 190, 161

Deuteranopia
208, 184, 158

Tritanopia
209, 172, 185

Trichromacy



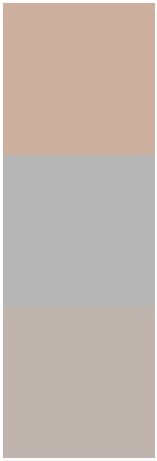
Original Color
206, 187, 158

Protanomaly
192, 196, 160

Deuteranomaly
207, 184, 158

Tritanomaly
208, 173, 175

Monochromacy



Original Color
206, 187, 158

Achromatopsia
183, 183, 183

Achromatomaly
191, 183, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 187, 158 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(206, 176, 158) looks like.

```
.text, #text, p{
    color:rgb(206, 176, 158)
}
```

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(206, 176, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 158) }
```

Border

The CSS property to change the border of an element to RYB 206, 187, 158 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(206, 176, 158) }
```

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

```
.border{ border-color:rgb(206, 176, 158) }
```

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

Here you see how a box with a 4 pixel rgb(206, 176, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 176, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 176, 158); box-shadow:4px 4px 4px 4px rgb(206, 176, 158) }
```

Background

The CSS property to change the background color of an element to RYB 206, 187, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(206, 176, 158) }
```

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

```
.background{ background-color:rgb(206,
176, 158) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor