Converting Colors

RYB(188, 188, 126)

Have a look what the booklet for RYB(188, 188, 126) contains.

Color

RYB(188, 188, 126)

Conversions

Conversions Part 1

Format	Color
Hex	BC9D7E
RGB	188, 157, 126
RGB Percent	74%, 62%, 49%
CMY	0.2627, 0.3843, 0.5059
CMYK	0.00, 0.16, 0.33, 0.26
HSL	30°, 32%, 62%
HSV	30°, 33%, 74%
XYZ	36.5619, 36.3117, 24.8205
YIQ	162.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

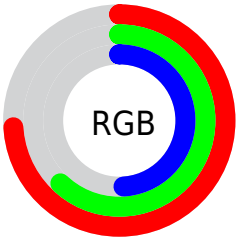
Format	Color
RYB	188, 188, 126
Decimal	12361086
CIELab	66.76, 6.92, 20.51
CIELCh	67, 21.648, 71.349
Yxy	36.3117, 0.3742, 0.3717
Android (android.graphics.Color)	4290551166 (0xFFBC9D7E)
YUV	162.7350, -18.1104, 22.1574
Hunter-Lab	60.2592, 2.8503, 17.7601

Details

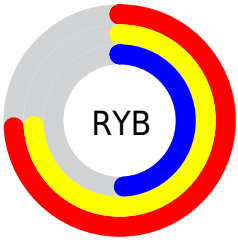
The RYB color 188, 188, 126 is a light color, and the websafe version is hex CC9966. A complement of this color would be 126, 147, 188, and the grayscale version is 163, 163, 163.

A 20% lighter version of the original color is 245, 245, 179, and 132, 134, 77 is the 20% darker color. If you saturate the color by 10%, you get 186, 188, 107, and if you desaturate by 10%, it is 188, 186, 145.

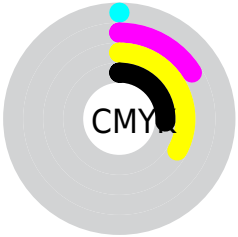
Distribution



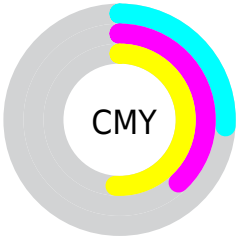
- Red (74%)
- Green (62%)
- Blue (49%)



- Red (74%)
- Yellow (74%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (26%)



- Cyan (26%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 188, 126 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, 188, 126 by changing the saturation by 10% instead.

188, 188, 126

255, 255, 255

245, 245, 179

228, 255, 206

235, 255, 235

188, 188, 126

158, 160, 101

132, 134, 77

104, 108, 54

75, 82, 32

47, 58, 10

35, 33, 0

0, 0, 0

188, 188, 126

186, 188, 107

188, 188, 126

188, 186, 145

188, 188, 88

188, 188, 70

188, 186, 51

188, 188, 32

186, 188, 13

188, 188, 0

188, 188, 164

188, 188, 182

188, 193, 201

188, 199, 220

188, 205, 239

188, 211, 255

188, 215, 255

188, 218, 255

Harmonies

Analogous

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

200, 154, 138

188, 188, 126

131, 169, 124

Triad

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

188, 188, 126

110, 143, 174

175, 155, 192

Complementary

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

188, 188, 126

126, 147, 188

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.

149, 159, 200

188, 188, 126

109, 144, 187

Square

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

188, 188, 126

126, 158, 173

124, 152, 199

194, 150, 175

Rectangle

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

188, 188, 126

129, 167, 141

124, 152, 199

167, 157, 196

Sweetspot

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

188, 188, 126

243, 245, 220

188, 126, 157

122, 122, 108

250, 250, 250

122, 122, 122

Same Dimension

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

188, 188, 126

245, 245, 147

126, 188, 126

92, 94, 85

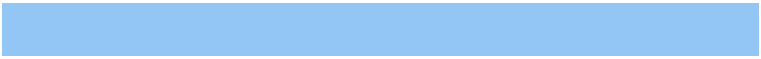
158, 158, 0

31, 29, 0

Inverse Universe

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

126, 147, 188



147, 180, 245

126, 126, 188

85, 88, 94

0, 53, 158

0, 10, 31

Previews

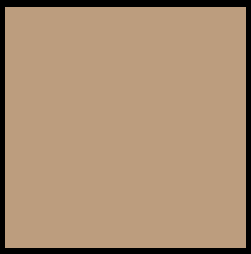
White Background

This preview shows how the RYB color 188, 188, 126 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



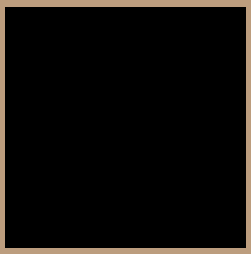
This preview shows how the RYB color 188, 188, 126 looks on a black background.

Color Contrast Check

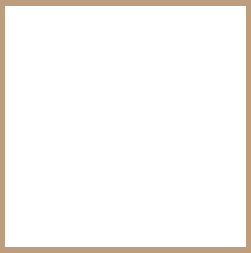
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 188, 188, 126 Background



This preview shows how black text looks on a background with the RYB color 188, 188, 126.



This preview shows how white text looks on a background with the RYB color 188, 188, 126.

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

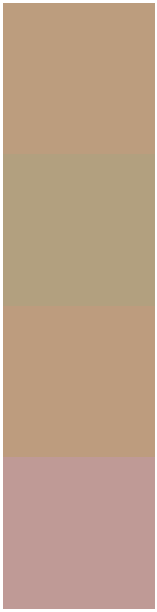
Original Color
188, 188, 126

Protanopia
143, 173, 128

Deuteranopia
190, 182, 126

Tritanopia
192, 152, 164

Trichromacy



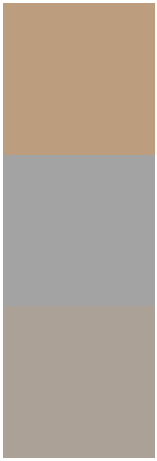
Original Color
188, 188, 126

Protanomaly
155, 178, 127

Deuteranomaly
189, 183, 126

Tritanomaly
191, 154, 150

Monochromacy



Original Color
188, 188, 126

Achromatopsia
163, 163, 163

Achromatomaly
172, 172, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 188, 126 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(188, 157, 126) looks like.

```
.text, #text, p{
    color:rgb(188, 157, 126)
}
```

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(188, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 157, 126) }
```

Border

The CSS property to change the border of an element to RYB 188, 188, 126 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(188, 157, 126) }
```

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

```
.border{ border-color:rgb(188, 157, 126) }
```

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

Here you see how a box with a 4 pixel rgb(188, 157, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 157, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 157, 126); box-shadow:4px 4px 4px 4px rgb(188, 157, 126) }
```

Background

The CSS property to change the background color of an element to RYB 188, 188, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(188, 157, 126) }
```

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

```
.background{ background-color:rgb(188,
157, 126) }
```

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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