

Converting Colors

`RYB(191, 193, 126)`

Have a look what the booklet for
RYB(191, 193, 126) contains.

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Color

R_YB(191, 193, 126)

Conversions

Conversions Part 1

Format	Color
Hex	C1A07E
RGB	193, 160, 126
RGB Percent	76%, 63%, 49%
CMY	0.2431, 0.3725, 0.5059
CMYK	0.00, 0.17, 0.35, 0.24
HSL	30°, 35%, 63%
HSV	30°, 35%, 76%
XYZ	38.3303, 37.9881, 25.0509
YIQ	165.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

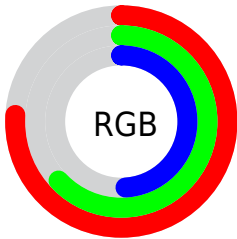
Format	Color
RYB	191, 193, 126
Decimal	12689534
CIELab	68.01, 7.29, 22.30
CIElCh	68, 23.457, 71.902
Yxy	37.9881, 0.3781, 0.3747
Android (android.graphics.Color)	4290879614 (0xFFC1A07E)
YUV	165.9910, -19.7156, 23.6869
Hunter-Lab	61.6344, 3.1485, 19.0461

Details

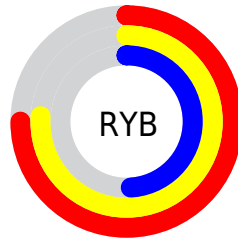
The RYB color **191, 193, 126** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **126, 148, 193**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **248, 250, 179**, and **132, 138, 77** is the 20% darker color. If you saturate the color by 10%, you get **189, 193, 107**, and if you desaturate by 10%, it is **189, 193, 145**.

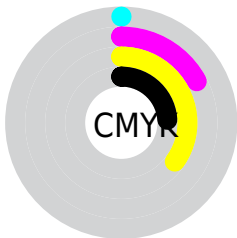
Distribution



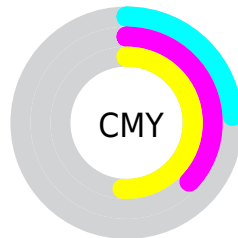
- Red (76%)
- Green (63%)
- Blue (49%)



- Red (75%)
- Yellow (76%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (24%)



- Cyan (24%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 193, 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 191, 193, 126 by changing the saturation by 10% instead.

 191, 193, 126

255, 255, 255

 248, 250, 179


 222, 255, 206

 235, 255, 235

 191, 193, 126

 161, 165, 101

 132, 138, 77


 108, 112, 54

 79, 86, 32


 50, 62, 9

 39, 37, 0


 0, 0, 0

 191, 193, 126


 189, 193, 107


 191, 193, 126

 189, 193, 145

 189, 193, 87


 193, 193, 165

 191, 193, 68

 191, 193, 184

 189, 193, 49

 193, 196, 203

 191, 193, 30

 193, 203, 223

 187, 193, 10

 193, 209, 242

 187, 193, 0

 193, 215, 255

 193, 218, 255

 193, 222, 255

Harmonies

Analogous

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



206, 159, 138



191, 193, 126



131, 173, 124

Triad

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



191, 193, 126



108, 144, 178



180, 157, 197

Complementary

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



191, 193, 126



126, 148, 193

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.



152, 163, 207



191, 193, 126



106, 145, 193

Square

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



191, 193, 126



125, 159, 177



124, 154, 205



200, 152, 179

Rectangle

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



191, 193, 126



129, 171, 143



124, 154, 205



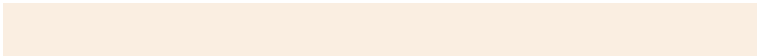
171, 160, 202

Sweetspot

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



191, 193, 126



248, 250, 225



193, 126, 160



123, 125, 110



252, 252, 252



125, 125, 125

Same Dimension

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



191, 193, 126



248, 250, 145



126, 193, 126



97, 97, 87



155, 161, 0



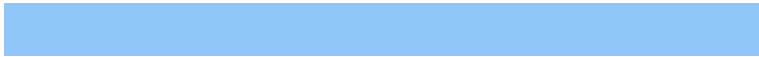
31, 33, 0

Inverse Universe

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



126, 148, 193



145, 180, 250



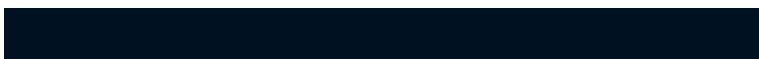
126, 126, 193



87, 90, 97



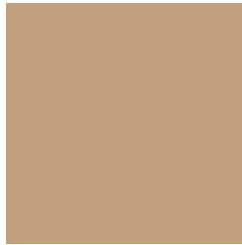
0, 53, 161



0, 11, 33

Previews

White Background



This preview shows how the RYB color 191, 193, 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 191, 193, 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](#).

R Y B 191, 193, 126 Background



This preview shows how black text looks on a background with the R Y B color 191, 193, 126.



This preview shows how white text looks on a background with the R Y B color 191, 193, 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
191, 193, 126

Protanopia
143, 177, 129

Deuteranopia
195, 189, 126



Tritanopia
197, 155, 166

Trichromacy



Original Color
191, 193, 126

Protanomaly
157, 183, 128

Deuteranomaly
194, 190, 126

Tritanomaly
196, 158, 151

Monochromacy



Original Color
191, 193, 126

Achromatopsia
166, 166, 166

Achromatomaly
174, 176, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 193, 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(193, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(193, 160, 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(193, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 160, 126) }
```

Border

The CSS property to change the border of an element to RYB 191, 193, 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(193, 160, 126) }
```

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

```
.border{ border-color:rgb(193, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 160, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 160, 126);  
box-shadow:4px 4px 4px 4px rgb(193, 160,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 191, 193, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 160, 126) }
```

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

```
.background{ background-color: rgb(193,  
160, 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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