

Converting Colors

`RYB(207, 191, 161)`

Have a look what the booklet for
RYB(207, 191, 161) contains.

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Color

$\text{RYB}(207, 191, 161)$

Conversions

Conversions Part 1

Format	Color
Hex	CFB3A1
RGB	207, 179, 161
RGB Percent	81%, 70%, 63%
CMY	0.1882, 0.2974, 0.3686
CMYK	0.00, 0.13, 0.22, 0.19
HSL	24°, 32%, 72%
HSV	24°, 22%, 81%
XYZ	48.3169, 48.1421, 40.4640
YIQ	185.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

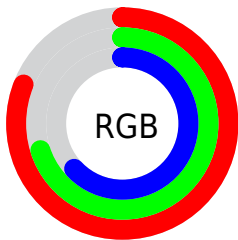
Format	Color
R_{YB}	207, 191, 161
Decimal	13611937
CIE _{Lab}	74.91, 7.17, 12.96
CIE _{LCh}	75, 14.811, 61.030
Yxy	48.1421, 0.3529, 0.3516
Android (android.graphics.Color)	4291802017 (0xFFCFB3A1)
YUV	185.3200, -11.9898, 19.0134
Hunter-Lab	69.3845, 2.8781, 13.9922

Details

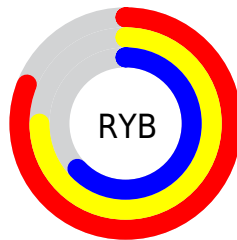
The RYB color **207, 191, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 178, 207**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 253, 216**, and **152, 137, 109** is the 20% darker color. If you saturate the color by 10%, you get **207, 185, 140**, and if you desaturate by 10%, it is **207, 199, 182**.

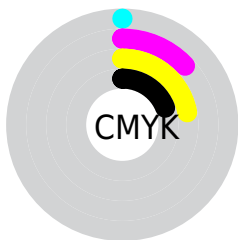
Distribution



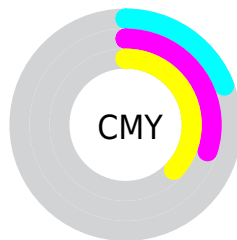
- Red (81%)
- Green (70%)
- Blue (63%)



- Red (81%)
- Yellow (75%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 191, 161 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 207, 191, 161 by changing the saturation by 10% instead.


 207, 191, 161

255, 255, 255


 255, 253, 216

 244, 255, 244

 207, 191, 161

 179, 163, 135

 152, 137, 109

 126, 111, 85

 100, 90, 62


 76, 66, 40


 52, 43, 19

 31, 17, 0


 0, 0, 0

 207, 191, 161

 207, 191, 161

 207, 185, 140

 207, 199, 182

 207, 176, 120

 207, 205, 202

 207, 170, 99

 207, 213, 223

 207, 162, 78

 207, 221, 244

 207, 157, 57

 207, 227, 255

 207, 148, 37

 207, 231, 255

 207, 139, 16

 207, 231, 255

 207, 136, 0

Harmonies

Analogous

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



213, 177, 171



207, 191, 161



172, 195, 157

Triad

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



207, 191, 161



153, 175, 192



188, 181, 208

Complementary

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



207, 191, 161



161, 178, 207

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.



170, 181, 211



207, 191, 161



149, 172, 198

Square

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



207, 191, 161



164, 185, 191



156, 176, 208



203, 177, 198

Rectangle

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



207, 191, 161



159, 187, 161



156, 176, 208



182, 182, 210

Sweetspot

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



207, 191, 161



255, 248, 237



207, 161, 189



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



207, 191, 161



255, 230, 186



167, 207, 161



105, 100, 94



168, 109, 0



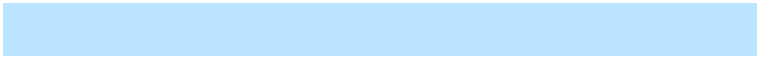
41, 26, 0

Inverse Universe

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



161, 178, 207



186, 212, 255



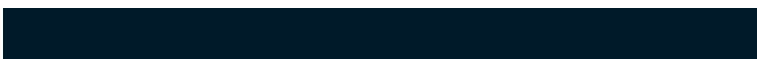
161, 166, 207



94, 98, 105



0, 63, 168



0, 16, 41

Previews

White Background



This preview shows how the RYB color 207, 191, 161 looks on a white background.

Color Contrast Check

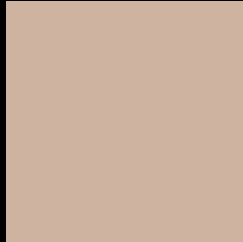
Large Text (above 18pt) WCAG AA × Fail

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 207, 191, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

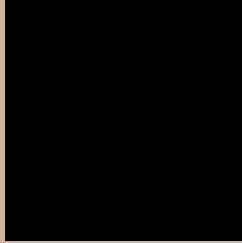
Any Text WCAG AA ✓ Pass

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 207, 191, 161 Background



This preview shows how black text looks on a background with the RYB color 207, 191, 161.



This preview shows how white text looks on a background with the RYB color 207, 191, 161.

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
207, 191, 161

Protanopia
176, 193, 163

Deuteranopia
211, 187, 161



Tritanopia
210, 175, 189

Trichromacy



Original Color

207, 191, 161

Protanomaly

191, 198, 162

Deuteranomaly

210, 187, 161

Tritanomaly

209, 177, 179

Monochromacy



Original Color

207, 191, 161

Achromatopsia

185, 185, 185

Achromatomaly

193, 188, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 191, 161 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(207, 179, 161) looks like.

```
.text, #text, p{  
    color:rgb(207, 179, 161)  
}
```

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(207, 179, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 179, 161) }
```

Border

The CSS property to change the border of an element to RYB 207, 191, 161 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(207, 179, 161) }
```

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

```
.border{ border-color:rgb(207, 179, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 179, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(207, 179,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 207, 191, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 179, 161) }
```

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

```
.background{ background-color: rgb(207,  
179, 161) }
```

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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