

Converting Colors

`RYB(207, 131, 121)`

Have a look what the booklet for
RYB(207, 131, 121) contains.

RYB(207, 131, 121)	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

$\text{RYB}(207, 131, 121)$

Conversions

Conversions Part 1

Format	Color
Hex	CF8279
RGB	207, 130, 121
RGB Percent	81%, 51%, 47%
CMY	0.1882, 0.4904, 0.5255
CMYK	0.00, 0.37, 0.42, 0.19
HSL	6°, 47%, 64%
HSV	6°, 42%, 81%
XYZ	37.1604, 30.6001, 22.0370
YIQ	151.9970, 48.7810, 13.5250

Conversions

Conversions Part 2

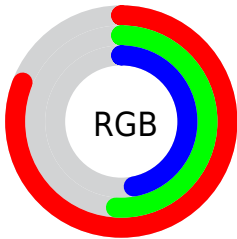
Format	Color
R_{YB}	207, 131, 121
Decimal	13599353
CIE Lab	62.17, 28.68, 17.35
CIE LCh	62, 33.515, 31.173
Yxy	30.6001, 0.4138, 0.3408
Android (android.graphics.Color)	4291789433 (0xFFCF8279)
YUV	151.9970, -15.2815, 48.2376
Hunter-Lab	55.3173, 23.1053, 15.1025

Details

The RYB color **207, 131, 121** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **121, 162, 207**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 186, 173**, and **150, 80, 72** is the 20% darker color. If you saturate the color by 10%, you get **207, 112, 100**, and if you desaturate by 10%, it is **207, 150, 142**.

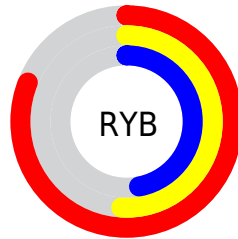
Distribution



Red (81%)

Green (51%)

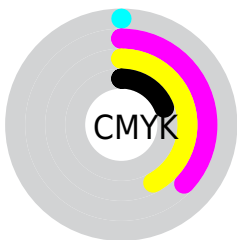
Blue (47%)



Red (81%)

Yellow (51%)

Blue (47%)

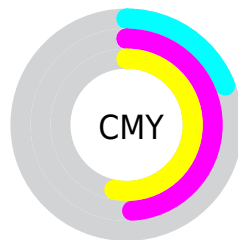


Cyan (0%)

Magenta (37%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 131, 121 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, 131, 121 by changing the saturation by 10% instead.

 207, 131, 121

255, 255, 255

 255, 186, 173

 255, 215, 201

 255, 248, 229

 207, 131, 121

 178, 105, 96

 150, 80, 72

 122, 55, 50


 95, 32, 29

 69, 7, 4


 45, 0, 0

 0, 0, 0

 207, 131, 121

 207, 112, 100


 207, 131, 121

 207, 150, 142

 207, 94, 80

 207, 168, 162

 207, 76, 59

 207, 186, 183

 207, 58, 38

 207, 204, 204

 207, 39, 17

 207, 215, 225

 207, 25, 0

 207, 225, 245

 207, 231, 255

Harmonies

Analogous

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



206, 127, 150



207, 131, 121



193, 169, 99

Triad

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



207, 131, 121



102, 149, 164



110, 140, 209

Complementary

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



207, 131, 121



121, 162, 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.



58, 118, 202



207, 131, 121



63, 119, 166

Square

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



207, 131, 121



98, 158, 118



29, 101, 180



155, 142, 201

Rectangle

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



207, 131, 121



144, 178, 91



29, 101, 180



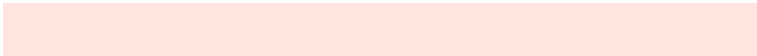
93, 134, 208

Sweetspot

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



207, 131, 121



255, 229, 224



207, 121, 198



128, 112, 110



0, 0, 0



128, 128, 128

Same Dimension

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



207, 131, 121



255, 142, 128



177, 207, 121



105, 95, 94



168, 20, 0



41, 4, 0

Inverse Universe

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



121, 162, 207



128, 188, 255



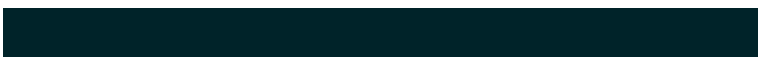
121, 145, 207



94, 99, 105



0, 80, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 207, 131, 121 looks on a white background.

Color Contrast Check

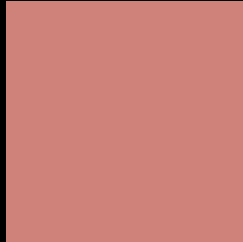
Large Text (above 18pt) WCAG AA × Fail

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, 131, 121 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, 131, 121 Background



This preview shows how black text looks on a background with the RYB color 207, 131, 121.

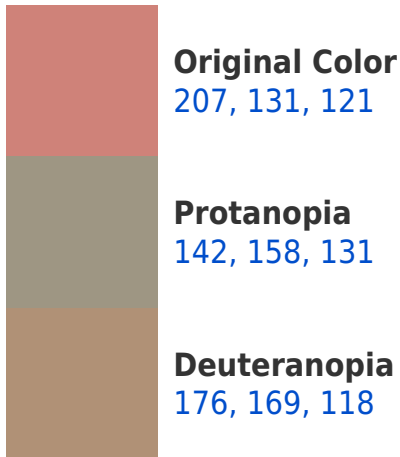


This preview shows how white text looks on a background with the RYB color 207, 131, 121.

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





Tritanopia
208, 128, 137

Trichromacy



Original Color
207, 131, 121

Protanomaly
176, 151, 127

Deuteranomaly
187, 149, 119

Tritanomaly
208, 129, 131

Monochromacy



Original Color
207, 131, 121

Achromatopsia
152, 152, 152

Achromatomaly
172, 144, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 131, 121 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, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(207, 130, 121)  
}
```

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, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 130, 121) }
```

Border

The CSS property to change the border of an element to RYB 207, 131, 121 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, 130, 121) }
```

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

```
.border{ border-color:rgb(207, 130, 121) }
```

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

Here you see how a box with a 4 pixel rgb(207, 130, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(207, 130,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 207, 131, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 130, 121) }
```

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

```
.background{ background-color: rgb(207,  
130, 121) }
```

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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