

Converting Colors

`RYB(211, 127, 127)`

Have a look what the booklet for
RYB(211, 127, 127) contains.

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Color

`RYB(211, 127, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	D37F7F
RGB	211, 127, 127
RGB Percent	83%, 50%, 50%
CMY	0.1725, 0.5020, 0.5020
CMYK	0.00, 0.40, 0.40, 0.17
HSL	0°, 49%, 66%
HSV	0°, 40%, 83%
XYZ	38.2841, 30.5599, 23.9595
YIQ	152.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

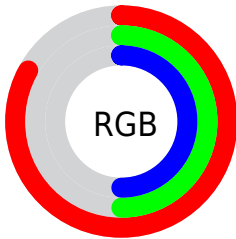
Format	Color
R _Y B	211, 127, 127
Decimal	13860735
CIE Lab	62.13, 32.47, 13.97
CIE LCh	62, 35.349, 23.277
Yxy	30.5599, 0.4125, 0.3293
Android (android.graphics.Color)	4292050815 (0xFFD37F7F)
YUV	152.1160, -12.3822, 51.6413
Hunter-Lab	55.2810, 26.8758, 12.9997

Details

The RYB color **211, 127, 127** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **127, 169, 211**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 181, 180**, and **154, 76, 78** is the 20% darker color. If you saturate the color by 10%, you get **211, 106, 106**, and if you desaturate by 10%, it is **211, 148, 148**.

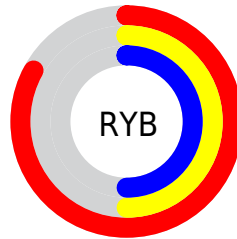
Distribution



Red (83%)

Green (50%)

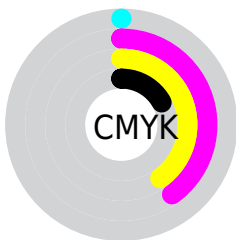
Blue (50%)



Red (83%)

Yellow (50%)

Blue (50%)

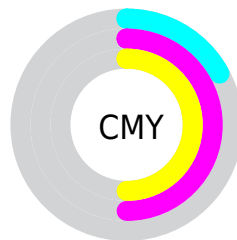


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 127, 127 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 211, 127, 127 by changing the saturation by 10% instead.


 211, 127, 127


255, 255, 255

 255, 181, 180

 255, 209, 207

 255, 237, 235

 211, 127, 127

 182, 101, 102

 154, 76, 78


 126, 52, 55


 99, 27, 34


 72, 1, 12


 48, 0, 0


 0, 0, 0


 211, 127, 127


 211, 106, 106


 211, 127, 127


 211, 148, 148

 211, 85, 85


 211, 169, 169

 211, 64, 64

 211, 190, 190


 211, 43, 43

 211, 211, 211

 211, 22, 22

 211, 222, 233

 211, 0, 0

 211, 233, 254

 211, 233, 255

Harmonies

Analogous

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



206, 126, 159



211, 127, 127



200, 153, 101

Triad

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



211, 127, 127



109, 160, 163



91, 133, 212

Complementary

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



211, 127, 127



127, 169, 211

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.



27, 103, 200



211, 127, 127



67, 123, 166

Square

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



211, 127, 127



91, 156, 101



5, 88, 174



143, 145, 208

Rectangle

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



211, 127, 127



171, 186, 90



5, 88, 174



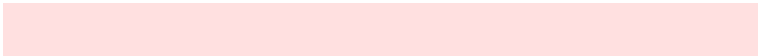
71, 125, 210

Sweetspot

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



211, 127, 127



255, 224, 224



211, 127, 211



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



211, 127, 127



255, 133, 133



211, 211, 127



105, 94, 94



168, 0, 0



41, 0, 0

Inverse Universe

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



127, 169, 211



133, 194, 255



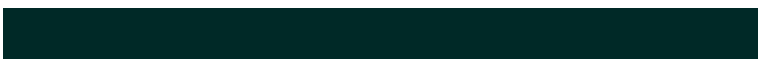
127, 155, 211



94, 100, 105



0, 84, 168



0, 21, 41

Previews

White Background



This preview shows how the RYB color 211, 127, 127 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 211, 127, 127 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 211, 127, 127 Background



This preview shows how black text looks on a background with the RYB color 211, 127, 127.



This preview shows how white text looks on a background with the RYB color 211, 127, 127.

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
212, 126, 135

Trichromacy



Original Color
211, 127, 127

Protanomaly
176, 143, 135

Deuteranomaly
187, 141, 125

Tritanomaly
212, 126, 132

Monochromacy



Original Color
211, 127, 127

Achromatopsia
152, 152, 152

Achromatomaly
173, 143, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 127, 127 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(211, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(211, 127, 127)  
}
```

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(211, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 127, 127) }
```

Border

The CSS property to change the border of an element to RYB 211, 127, 127 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(211, 127, 127) }
```

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

```
.border{ border-color:rgb(211, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(211, 127,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 211, 127, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 127, 127) }
```

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

```
.background{ background-color: rgb(211,  
127, 127) }
```

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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