

Converting Colors

`RYB(197, 76, 81)`

Have a look what the booklet for
RYB(197, 76, 81) contains.

RYB(197, 76, 81)	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

R_YB(197, 76, 81)

Conversions

Conversions Part 1

Format	Color
Hex	C54C51
RGB	197, 76, 81
RGB Percent	77%, 30%, 32%
CMY	0.2275, 0.7020, 0.6824
CMYK	0.00, 0.61, 0.59, 0.23
HSL	358°, 51%, 54%
HSV	358°, 61%, 77%
XYZ	27.0956, 17.6333, 9.7600
YIQ	112.7490, 70.5110, 27.2070

Conversions

Conversions Part 2

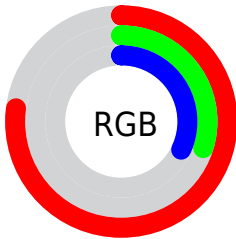
Format	Color
RYB	197, 76, 81
Decimal	12930129
CIELab	49.05, 48.69, 22.64
CIElCh	49, 53.699, 24.941
Yxy	17.6333, 0.4973, 0.3236
Android (android.graphics.Color)	4291120209 (0xFFC54C51)
YUV	112.7490, -15.6523, 73.8881
Hunter-Lab	41.9920, 41.6922, 15.6138

Details

The RYB color **197, 76, 81** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **76, 138, 197**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **255, 130, 130**, and **137, 16, 37** is the 20% darker color. If you saturate the color by 10%, you get **197, 56, 62**, and if you desaturate by 10%, it is **197, 96, 100**.

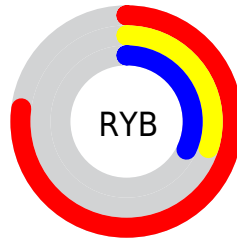
Distribution



Red (77%)

Green (30%)

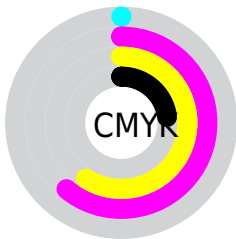
Blue (32%)



Red (77%)

Yellow (30%)

Blue (32%)

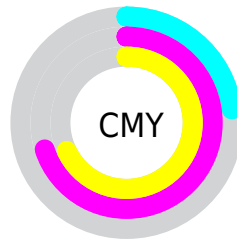


Cyan (0%)

Magenta (61%)

Yellow (59%)

Black (23%)



Cyan (23%)

Magenta (70%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 76, 81 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 197, 76, 81 by changing the saturation by 10% instead.

 197, 76, 81  197, 76, 81

255, 255, 255  167, 49, 58

 255, 130, 130  137, 16, 37

 255, 157, 156  108, 0, 16

 255, 185, 183  80, 0, 0

 255, 214, 211  53, 0, 2

 255, 244, 239  4, 0, 0

 0, 0, 0

 197, 76, 81  197, 76, 81

 197, 56, 62  197, 96, 100


 197, 37, 43

 197, 115, 119


 197, 17, 24

 197, 135, 138

 197, 0, 8

 197, 155, 157

 197, 175, 175

 197, 194, 194

 197, 206, 214

 197, 216, 234

 197, 226, 253

Harmonies

Analogous

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



194, 72, 126



197, 76, 81



179, 124, 41

Triad

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



197, 76, 81



37, 114, 133



0, 78, 207

Complementary

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



197, 76, 81



76, 138, 197

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.



0, 79, 190



197, 76, 81



0, 77, 137

Square

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



197, 76, 81



22, 125, 45



0, 73, 154



102, 108, 200

Rectangle

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



197, 76, 81



102, 158, 19



0, 73, 154



0, 79, 204

Sweetspot

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



197, 76, 81



255, 209, 211



191, 76, 197



128, 99, 101



0, 0, 0



128, 128, 128

Same Dimension

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



197, 76, 81



255, 66, 74



197, 174, 76



99, 90, 90



163, 0, 7



36, 0, 1

Inverse Universe

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



197, 76, 81



255, 66, 74



76, 119, 197



99, 90, 90



163, 0, 7



36, 0, 1

Previews

White Background



This preview shows how the RYB color 197, 76, 81 looks on a white background.

Color Contrast Check

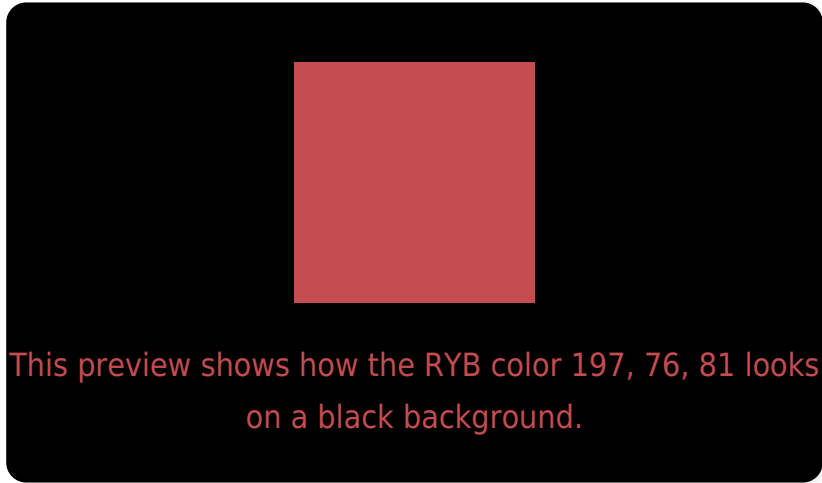
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 197, 76, 81 Background



This preview shows how black text looks on a background with the RYB color 197, 76, 81.



This preview shows how white text looks on a background with the RYB color 197, 76, 81.

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
197, 76, 81

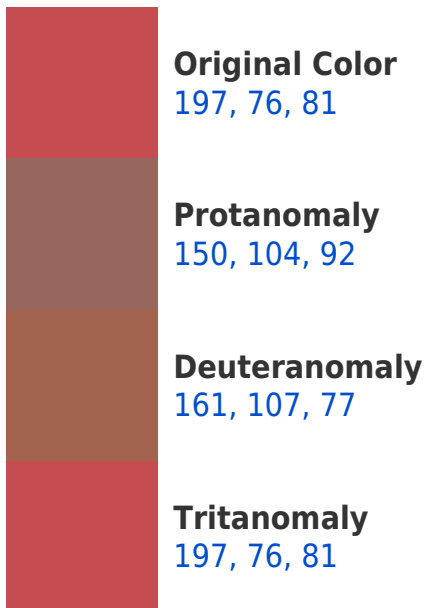
Protanopia
107, 123, 99

Deuteranopia
127, 141, 75

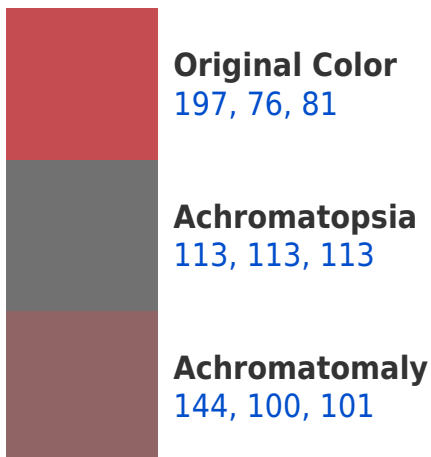


Tritanopia
197, 76, 81

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 76, 81 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(197, 76, 81)` looks like.

```
.text, #text, p{  
    color:rgb(197, 76, 81)  
}
```

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(197, 76, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 76, 81) }
```

Border

The CSS property to change the border of an element to RYB 197, 76, 81 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(197, 76, 81) }
```

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

```
.border{ border-color:rgb(197, 76, 81) }
```

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

Here you see how a box with a 4 pixel rgb(197, 76, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 76, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 76, 81);  
box-shadow:4px 4px 4px 4px rgb(197, 76,  
81) }
```

Background

The CSS property to change the background color of an element to RYB 197, 76, 81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 76, 81) }
```

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

```
.background{ background-color: rgb(197, 76,  
81) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor