

Converting Colors

XYZ(70.2557, 63.5963, 59.9881)

Have a look what the booklet for XYZ(70.2557, 63.5963, 59.9881) contains.

- XYZ(70.3821, 63.7837, 60.2317) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(70.3821, 63.7837,
60.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C3
RGB	255, 194, 195
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2392, 0.2353
CMYK	0.00, 0.24, 0.24, 0.00
HSL	359°, 100%, 88%
HSV	359°, 24%, 100%
XYZ	70.3821, 63.7837, 60.2317
YIQ	212.3530, 36.0350, 13.2430

Conversions

Conversions Part 2

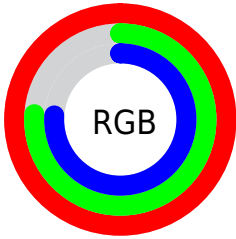
Format	Color
R_{YB}	255, 194, 195
Decimal	16761539
CIE _{Lab}	83.85, 21.95, 7.98
CIE _{LCh}	84, 23.358, 19.979
Yxy	63.7837, 0.3621, 0.3281
Android (android.graphics.Color)	4294951619 (0xFFFFC2C3)
YUV	212.3530, -8.5550, 37.4014
Hunter-Lab	79.8647, 17.5429, 11.1904

Details

The XYZ color **70.3821, 63.7837, 60.2317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8999, 90.1462, 107.1697**, and the grayscale version is **62.8539, 66.1272, 72.0125**.

A 20% lighter version of the original color is **93.3079, 97.2826, 105.9550**, and **37.2118, 32.5496, 29.5207** is the 20% darker color. If you saturate the color by 10%, you get **62.5842, 52.3517, 44.7956**, and if you desaturate by 10%, it is **79.6334, 77.3594, 78.5042**.

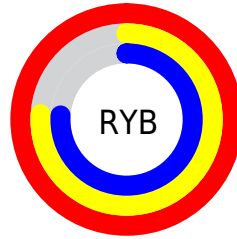
Distribution



Red (100%)

Green (76%)

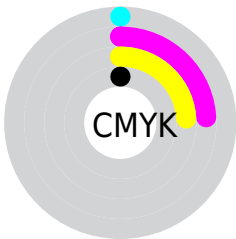
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

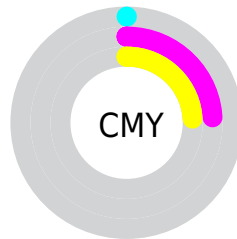


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3821, 63.7837, 60.2317 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 XYZ color 70.3821, 63.7837, 60.2317 by changing the saturation by 10% instead.


 70.3821, 63.7837,
60.2317

 70.3821, 63.7837,
60.2317


451.1360,
438.4081, 443.2796

 52.1188, 46.4755,
43.1789


 118.7768,
110.2994, 106.7124

 37.3244, 32.6212,
29.6931


149.6389,
140.2756, 136.9773

 25.6336, 21.8364,
19.3557


185.4314,
175.2434, 172.4834

 16.6810, 13.7368,
11.7481

226.5195,
215.5870, 213.6491

 10.1012, 7.9378,
6.4520

273.2687,
261.6909, 260.8931

 5.5289, 4.0552,
3.0486

326.0443,

 2.5987, 1.7045,

313.9394, 314.6338

1.1195

385.2116,
372.7171, 375.2898

0.9453, 0.4266,
0.0000

0.0000, 0.0000,
0.0000

70.3821, 63.7837,
60.2317

70.3821, 63.7837,
60.2317

62.5842, 52.3517,
44.7956

79.6334, 77.3594,
78.5042

56.1614, 42.9460,
32.0502

90.4016, 93.1715,
99.7410

51.0354, 35.4509,
21.8425

95.0500, 100.0000,
108.9000

47.1181, 29.7355,
14.0031

■ 44.3103, 25.6528,
8.3414

■ 42.4972, 23.0319,
4.6380

■ 41.5392, 21.6646,
2.6271

■ 41.2628, 21.2691,
2.0500

Harmonies

Analogous

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



70.8731, 63.7837, 74.4854



70.3821, 63.7837, 60.2317



67.1959, 63.7837, 49.9728

Triad

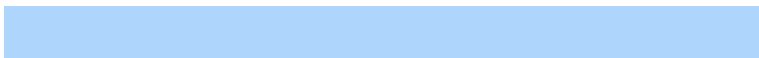
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3821, 63.7837, 60.2317



53.3754, 63.7837, 52.8112



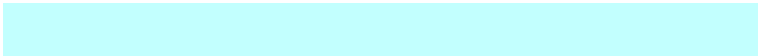
58.9232, 63.7837, 101.1715

Complementary

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



70.3821, 63.7837, 60.2317



75.8999, 90.1462, 107.1697

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.



54.4961, 63.7837, 93.4251



70.3821, 63.7837, 60.2317



51.4148, 63.7837, 64.6461

Square

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



70.3821, 63.7837, 60.2317



57.3141, 63.7837, 46.1263



51.8132, 63.7837, 79.5630



64.0600, 63.7837, 99.5482

Rectangle

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



70.3821, 63.7837, 60.2317



64.0669, 63.7837, 46.1316



51.8132, 63.7837, 79.5630



57.3077, 63.7837, 99.5393

Sweetspot

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



70.3837, 63.7866, 60.2330



86.9183, 88.0555, 92.8745



78.2102, 66.8741, 103.3936



18.4617, 18.6385, 19.5983



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



70.3837, 63.7866, 60.2330



66.2441, 57.7161, 52.0439



77.4962, 78.1911, 62.0505



18.0214, 17.9919, 18.7299



21.5659, 11.1156, 1.0985



2.1038, 1.0839, 0.1282

Inverse Universe

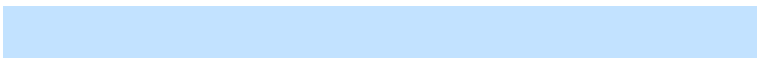
The Inverse Universe completely reimagines the original color for something new.



70.3837, 63.7866, 60.2330



66.2441, 57.7161, 52.0439



67.3657, 72.8220, 105.1132



18.0214, 17.9919, 18.7299



21.5659, 11.1156, 1.0985



2.1038, 1.0839, 0.1282

Previews

White Background



This preview shows how the XYZ color 70.3821, 63.7837, 60.2317 looks on a white background.

Color Contrast Check

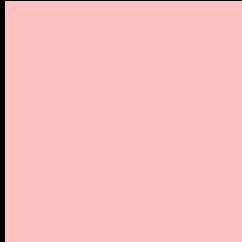
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.3821, 63.7837, 60.2317 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](#).

XYZ 70.3821, 63.7837, 60.2317

Background



This preview shows how black text looks on a background with the XYZ color 70.3821, 63.7837, 60.2317.



This preview shows how white text looks on a background with the XYZ color 70.3821, 63.7837,

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

70.3821, 63.7837, 60.2317

Protanopia

61.3597, 63.8706, 65.5942

Deuteranopia

65.3382, 63.9242, 59.3470



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

70.3821, 63.7837, 60.2317

Protanomaly

64.4144, 63.7050, 63.5449

Deuteranomaly

67.1232, 63.7966, 59.8151

Tritanomaly

71.0895, 63.7117, 65.0507

Monochromacy



Original Color

70.3821, 63.7837, 60.2317

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9668, 64.6129, 67.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3821, 63.7837, 60.2317 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(255, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 195)  
}
```

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(255, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 70.3821, 63.7837, 60.2317 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(255, 194, 195) }
```


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

```
.border{ border-color:rgb(255, 194, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3821, 63.7837, 60.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 195) }
```

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

```
.background{ background-color: rgb(255,  
194, 195) }
```

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