

Converting Colors

XYZ(57.9773, 57.5741, 87.1421)

Have a look what the booklet for
XYZ(57.9773, 57.5741, 87.1421)
contains.

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Color

**XYZ(57.9062, 57.4063,
87.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C4EC
RGB	197, 196, 236
RGB Percent	77%, 77%, 93%
CMY	0.2274, 0.2314, 0.0745
CMYK	0.17, 0.17, 0.00, 0.07
HSL	241°, 51%, 85%
HSV	241°, 17%, 93%
XYZ	57.9062, 57.4063, 87.3854
YIQ	200.8590, -12.2440, 12.6520

Conversions

Conversions Part 2

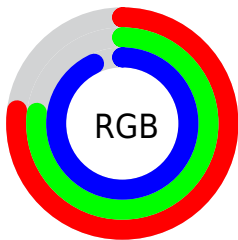
Format	Color
R _Y B	197, 196, 236
Decimal	12961004
CIE Lab	80.41, 8.32, -19.64
CIE LCh	80, 21.331, 292.956
Yxy	57.4063, 0.2857, 0.2832
Android (android.graphics.Color)	4291151084 (0xFFC5C4EC)
YUV	200.8590, 17.3245, -3.3843
Hunter-Lab	75.7669, 3.8296, -15.3449

Details

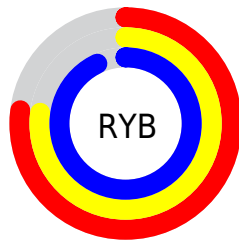
The XYZ color **57.9062, 57.4063, 87.3854** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.2221, 81.6400, 64.0734**, and the grayscale version is **55.3331, 58.2147, 63.3958**.

A 20% lighter version of the original color is **94.0483, 98.5414, 108.6713**, and **29.2389, 28.4809, 47.1363** is the 20% darker color. If you saturate the color by 10%, you get **47.4236, 44.7130, 85.4888**, and if you desaturate by 10%, it is **70.1493, 72.2530, 89.6067**.

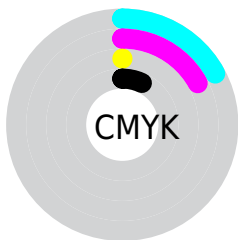
Distribution



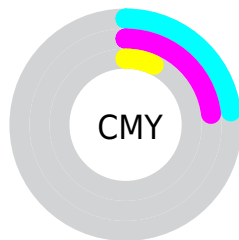
- Red (77%)
- Green (77%)
- Blue (93%)



- Red (77%)
- Yellow (77%)
- Blue (93%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9062, 57.4063, 87.3854 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 57.9062, 57.4063, 87.3854 by changing the saturation by 10% instead.

■ 57.9062, 57.4063,
87.3854

■ 57.9062, 57.4063,
87.3854

406.7958,
414.9700, 539.8375

■ 41.9762, 41.3315,
65.2527

□ 100.9100,
101.0578, 145.6048

■ 29.2737, 28.5782,
47.2134

128.7145,
129.4033, 182.5286

■ 19.4333, 18.7620,
32.8488

161.2079,
162.6079, 225.2199

■ 12.0896, 11.4984,
21.7405

198.7556,
201.0558, 274.0973

■ 6.8774, 6.4031,
13.4699

241.7229,
245.1317, 329.5791

■ 3.4312, 3.0917,
7.6184

290.4751,

■ 1.3857, 1.1798,

295.2197, 392.0841

3.7675

345.3776,
351.7044, 462.0307

■ 0.2460, 0.0451,
1.4987

■ 0.0000, 0.0000,
0.2169

■ 57.9062, 57.4063,
87.3854

■ 57.9062, 57.4063,
87.3854

■ 47.4236, 44.7130,
85.4888

■ 70.1493, 72.2530,
89.6067

■ 38.6157, 34.0665,
83.8980

■ 84.2231, 89.3391,
92.1629

■ 31.3973, 25.3619,
82.5983

■ 92.1405, 98.8362,
93.5788

■ 25.6737, 18.4819,
81.5720

■ 21.3401, 13.2969,
80.7996

■ 18.2783, 9.6601,
80.2590

■ 16.3502, 7.3996,
79.9243

■ 15.3834, 6.2975,
79.7625

■ 15.2142, 6.0942,
79.7322

Harmonies

Analogous

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



53.5391, 57.4063, 89.5589



57.9062, 57.4063, 87.3854



61.5481, 57.4063, 78.1521

Triad

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



57.9062, 57.4063, 87.3854



59.7830, 57.4063, 45.1986



46.6415, 57.4063, 59.6010

Complementary

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



57.9062, 57.4063, 87.3854



74.2221, 81.6400, 64.0734

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.



48.1274, 57.4063, 49.1008



57.9062, 57.4063, 87.3854



55.5998, 57.4063, 41.5359

Square

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



57.9062, 57.4063, 87.3854



62.6714, 57.4063, 53.5820



51.3510, 57.4063, 42.8627



47.1859, 57.4063, 72.3689

Rectangle

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



57.9062, 57.4063, 87.3854



62.9971, 57.4063, 69.8276



51.3510, 57.4063, 42.8627



46.9174, 57.4063, 55.7144

Sweetspot

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



57.9080, 57.4087, 87.3867



86.6899, 89.8511, 107.3817



67.7108, 77.4010, 90.7289



18.3133, 18.9383, 22.9402



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.



57.9080, 57.4087, 87.3867



64.8949, 63.4236, 103.4294



63.3985, 60.2391, 87.6436



14.2659, 14.5668, 18.9820



8.4022, 3.3674, 43.9501



0.6721, 0.2708, 3.4517

Inverse Universe

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



69.3293, 63.3133, 87.1664



80.6786, 71.5840, 103.1022



68.0833, 78.4753, 63.7861



15.6976, 15.3069, 18.9591



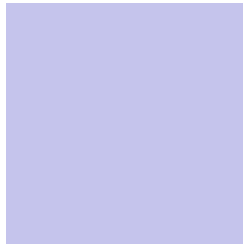
26.9571, 12.9855, 42.4369



2.1219, 1.0217, 3.3595

Previews

White Background



This preview shows how the XYZ color 57.9062, 57.4063, 87.3854 looks on a white background.

Color Contrast Check

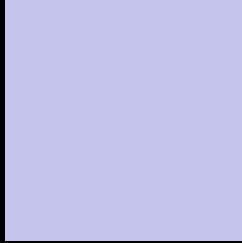
Large Text (above 18pt) WCAG AA × Fail

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 57.9062, 57.4063, 87.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

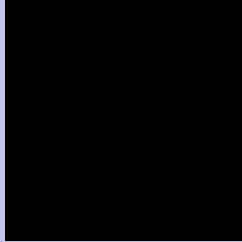
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9062, 57.4063, 87.3854

Background



This preview shows how black text looks on a background with the XYZ color 57.9062, 57.4063, 87.3854.



This preview shows how white text looks on a background with the XYZ color 57.9062, 57.4063,

87.3854.

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

57.9062, 57.4063, 87.3854

Protanopia

56.9660, 57.5790, 88.2322

Deuteranopia

58.7428, 57.5038, 87.3602



Tritanopia

54.9123, 57.5523, 72.5045

Trichromacy



Original Color

57.9062, 57.4063, 87.3854

Protanomaly

57.2446, 57.3844, 88.1799

Deuteranomaly

58.4748, 57.3657, 87.3476

Tritanomaly

55.9908, 57.6439, 77.9874

Monochromacy



Original Color

57.9062, 57.4063, 87.3854

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3804, 57.9812, 71.8383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9062, 57.4063, 87.3854 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, 196, 236)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 236)  
}
```

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, 196, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.9062, 57.4063, 87.3854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

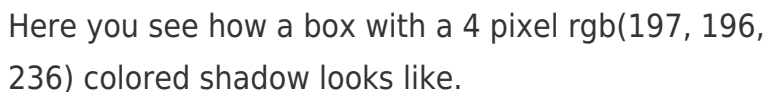
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 196, 236) }
```


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

```
.border{ border-color:rgb(197, 196, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 196, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 196, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 196, 236);  
box-shadow:4px 4px 4px 4px rgb(197, 196,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9062, 57.4063, 87.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 236) }
```

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

```
.background{ background-color: rgb(197,  
196, 236) }
```

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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