

Converting Colors

XYZ(57.7865, 57.7925, 97.7319)

Have a look what the booklet for
XYZ(57.7865, 57.7925, 97.7319)
contains.

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Color

**XYZ(57.7865, 57.7925,
97.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC6F9
RGB	187, 198, 249
RGB Percent	73%, 78%, 98%
CMY	0.2667, 0.2235, 0.0235
CMYK	0.25, 0.20, 0.00, 0.02
HSL	229°, 84%, 85%
HSV	229°, 25%, 98%
XYZ	57.7865, 57.7925, 97.7319
YIQ	200.5250, -22.9270, 13.5290

Conversions

Conversions Part 2

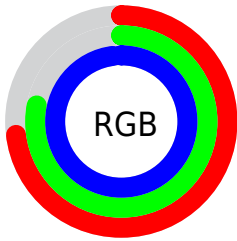
Format	Color
R_{YB}	187, 196, 249
Decimal	12306169
CIE Lab	80.62, 7.10, -26.33
CIE LCh	81, 27.273, 285.084
Yxy	57.7925, 0.2709, 0.2709
Android (android.graphics.Color)	4290496249 (0xFFBBC6F9)
YUV	200.5250, 23.8982, -11.8614
Hunter-Lab	76.0214, 2.6467, -23.0073

Details

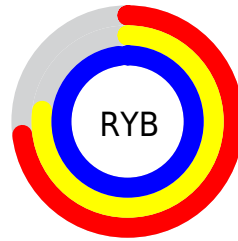
The XYZ color **57.7865, 57.7925, 97.7319** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6119, 84.8772, 59.2551**, and the grayscale version is **55.0922, 57.9613, 63.1198**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.1606, 28.7388, 53.8794** is the 20% darker color. If you saturate the color by 10%, you get **47.8458, 46.1827, 96.0159**, and if you desaturate by 10%, it is **69.4202, 71.2175, 99.7110**.

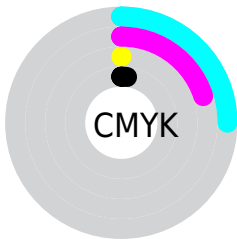
Distribution



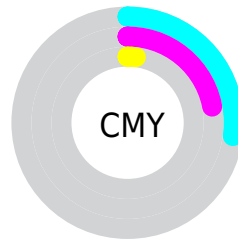
- Red (73%)
- Green (78%)
- Blue (98%)



- Red (73%)
- Yellow (77%)
- Blue (98%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7865, 57.7925, 97.7319 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 57.7865, 57.7925, 97.7319 by changing the saturation by 10% instead.

■ 57.7865, 57.7925,
97.7319

■ 57.7865, 57.7925,
97.7319

406.3566,
416.4123, 574.0806

■ 41.8796, 41.6419,
73.8014

■ 100.7366,
101.6206, 160.0614

■ 29.1977, 28.8210,
54.1357

128.5106,
130.0669, 199.2974

■ 19.3755, 18.9454,
38.3163

160.9710,
163.3805, 244.4725

■ 12.0475, 11.6308,
25.9245

198.4832,
201.9458, 296.0050

■ 6.8485, 6.4928,
16.5419

241.4125,
246.1473, 354.3135

■ 3.4130, 3.1470,
9.7499

290.1242,

■ 1.3757, 1.2090,

296.3692, 419.8166

5.1300

344.9838,
352.9961, 492.9328

■ 0.2388, 0.0690,
2.2637

■ 0.0000, 0.0000,
0.7108

■ 57.7865, 57.7925,
97.7319

■ 57.7865, 57.7925,
97.7319

■ 47.8458, 46.1827,
96.0159

■ 69.4202, 71.2175,
99.7110

■ 39.5127, 36.3027,
94.5481

■ 82.8156, 86.5244,
101.9595

■ 32.7028, 28.0703,
93.3180

■ 94.0991, 99.6196,
103.8924

■ 27.3215, 21.3937,
92.3129

■ 23.2633, 16.1720,
91.5189

■ 20.4075, 12.2916,
90.9204

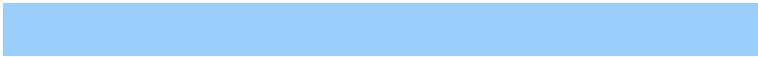
■ 18.6094, 9.6204,
90.4996

■ 18.0066, 8.6546,
90.3449

Harmonies

Analogous

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



52.1990, 57.7925, 97.7635



57.7865, 57.7925, 97.7319



62.9317, 57.7925, 87.3667

Triad

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



57.7865, 57.7925, 97.7319



62.9070, 57.7925, 43.4799



45.1484, 57.7925, 55.3019

Complementary

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



57.7865, 57.7925, 97.7319



78.6119, 84.8772, 59.2551

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.



47.6372, 57.7925, 43.5303



57.7865, 57.7925, 97.7319



57.7547, 57.7925, 37.5375

Square

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



57.7865, 57.7925, 97.7319



66.0221, 57.7925, 55.2212



52.1693, 57.7925, 37.5542



45.1556, 57.7925, 71.3166

Rectangle

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



57.7865, 57.7925, 97.7319



65.3096, 57.7925, 76.8646



52.1693, 57.7925, 37.5542



45.7129, 57.7925, 50.7837

Sweetspot

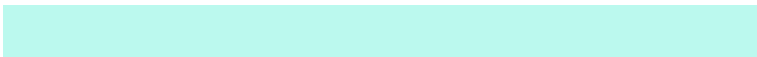
The Sweet Spot groups the original color and five complimentary colors.



57.7884, 57.7948, 97.7332



84.2787, 87.7575, 107.1047



69.7493, 84.4689, 93.2359



17.8498, 18.5679, 22.8931



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.



57.7884, 57.7948, 97.7332



55.3909, 54.4760, 102.2033



60.5006, 55.5946, 97.1656



16.5320, 17.1409, 21.8225



9.7101, 4.7758, 48.3836



0.9658, 0.5752, 4.5033

Inverse Universe

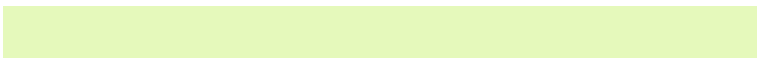
The Inverse Universe completely reimagines the original color for something new.



67.0318, 59.7593, 61.4302



66.7827, 57.1092, 57.4155



75.2768, 88.0588, 60.0450



17.3703, 17.2755, 18.5399



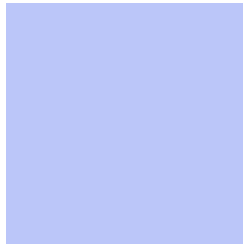
21.1932, 10.8930, 2.4601



1.9964, 1.0223, 0.4045

Previews

White Background



This preview shows how the XYZ color 57.7865, 57.7925, 97.7319 looks on a white background.

Color Contrast Check

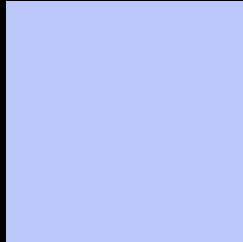
Large Text (above 18pt) WCAG AA × Fail

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 57.7865, 57.7925, 97.7319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

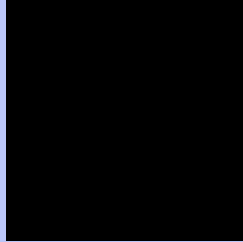
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7865, 57.7925, 97.7319

Background



This preview shows how black text looks on a background with the XYZ color 57.7865, 57.7925, 97.7319.



This preview shows how white text looks on a background with the XYZ color 57.7865, 57.7925,

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

57.7865, 57.7925, 97.7319

Protanopia

58.0320, 57.9191, 97.7434

Deuteranopia

59.0869, 57.7887, 97.6627



Tritanopia

53.1982, 57.6501, 75.3416

Trichromacy



Original Color

57.7865, 57.7925, 97.7319

Protanomaly

58.0320, 57.9191, 97.7434

Deuteranomaly

58.5510, 57.8484, 97.7024

Tritanomaly

54.6980, 57.5537, 83.0890

Monochromacy



Original Color

57.7865, 57.7925, 97.7319

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.0741, 58.1063, 74.5899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7865, 57.7925, 97.7319 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(187, 198, 249)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 249)  
}
```

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(187, 198, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 249) }
```

Border

The CSS property to change the border of an element to XYZ 57.7865, 57.7925, 97.7319 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(187, 198, 249) }
```


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

```
.border{ border-color:rgb(187, 198, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 198, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 198, 249); box-shadow:4px 4px 4px 4px rgb(187, 198, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7865, 57.7925, 97.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 249) }
```

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

```
.background{ background-color: rgb(187,  
198, 249) }
```

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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