

Converting Colors

XYZ(58.8001, 57.6769,
102.6414)

Have a look what the booklet for
XYZ(58.8001, 57.6769, 102.6414)
contains.

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Color

**XYZ(58.7762, 57.5187,
102.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC4FF
RGB	189, 196, 255
RGB Percent	74%, 77%, 100%
CMY	0.2588, 0.2314, 0.0000
CMYK	0.26, 0.23, 0.00, 0.00
HSL	234°, 100%, 87%
HSV	234°, 26%, 100%
XYZ	58.7762, 57.5187, 102.6121
YIQ	200.6330, -23.1110, 16.8650

Conversions

Conversions Part 2

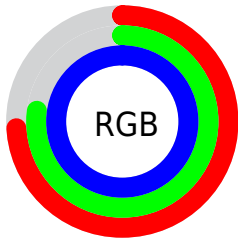
Format	Color
R_{YB}	189, 195, 255
Decimal	12436735
CIE _{Lab}	80.47, 10.16, -29.76
CIE _{LCh}	80, 31.443, 288.854
Yxy	57.5187, 0.2685, 0.2628
Android (android.graphics.Color)	4290626815 (0xFFBDC4FF)
YUV	200.6330, 26.8029, -10.2021
Hunter-Lab	75.8411, 5.6141, -27.1299

Details

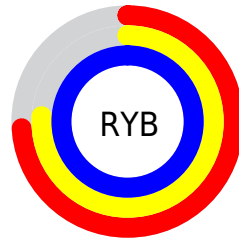
The XYZ color **58.7762, 57.5187, 102.6121** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9928, 92.0685, 61.4900**, and the grayscale version is **55.1415, 58.0131, 63.1763**.

A 20% lighter version of the original color is **91.1813, 97.0634, 108.5371**, and **29.6976, 28.4916, 57.3603** is the 20% darker color. If you saturate the color by 10%, you get **48.2412, 45.0272, 100.7563**, and if you desaturate by 10%, it is **71.2078, 72.1502, 104.7811**.

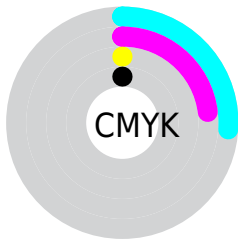
Distribution



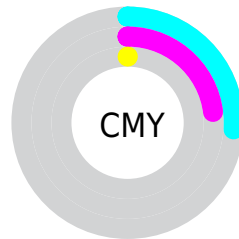
- Red (74%)
- Green (77%)
- Blue (100%)



- Red (74%)
- Yellow (76%)
- Blue (100%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7762, 57.5187, 102.6121 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 58.7762, 57.5187, 102.6121 by changing the saturation by 10% instead.

■ 58.7762, 57.5187,
102.6121

■ 58.7762, 57.5187,
102.6121

409.9794,
415.3901, 589.8533

■ 42.6787, 41.4218,
77.8548

■ 102.1688,
101.2216, 166.8253

■ 29.8265, 28.6488,
57.4390

130.1946,
129.5965, 207.1183

■ 19.8543, 18.8153,
40.9461

162.9272,
162.8328, 253.4269

■ 12.3969, 11.5369,
27.9576

200.7319,
201.3150, 306.1696

■ 7.0887, 6.4292,
18.0549

243.9741,
245.4274, 365.7651

■ 3.5644, 3.1078,
10.8196

293.0192,

■ 1.4588, 1.1883,

295.5545, 432.6319

5.8330

348.2326,
352.0806, 507.1884

■ 0.2975, 0.0521,
2.6767

■ 0.0000, 0.0000,
0.9316

■ 58.7762, 57.5187,
102.6121

■ 58.7762, 57.5187,
102.6121

■ 48.2412, 45.0272,
100.7563

■ 71.2078, 72.1502,
104.7811

■ 39.5043, 34.5687,
99.1981

■ 85.6177, 89.0087,
107.2756

■ 32.4659, 26.0370,
97.9223

95.0500, 100.0000,
108.9000

■ 27.0145, 19.3138,
96.9119

■ 23.0251, 14.2672,
96.1480

■ 20.3537, 10.7472,
95.6094

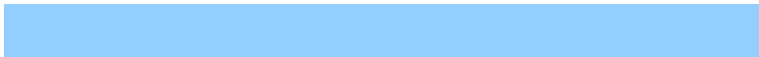
■ 18.8258, 8.5763,
95.2709

■ 18.4431, 8.0062,
95.1810

Harmonies

Analogous

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



52.3072, 57.5187, 104.3390



58.7762, 57.5187, 102.6121



64.5506, 57.5187, 89.0258

Triad

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



58.7762, 57.5187, 102.6121



63.2427, 57.5187, 39.5087



43.3823, 57.5187, 56.0098

Complementary

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



58.7762, 57.5187, 102.6121



83.9928, 92.0685, 61.4900

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.



45.8525, 57.5187, 42.0443



58.7762, 57.5187, 102.6121



57.1025, 57.5187, 33.8440

Square

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



58.7762, 57.5187, 102.6121



67.2661, 57.5187, 51.8373



50.7593, 57.5187, 34.6704



43.7532, 57.5187, 74.8212

Rectangle

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



58.7762, 57.5187, 102.6121



67.0714, 57.5187, 76.3349



50.7593, 57.5187, 34.6704



43.8997, 57.5187, 50.6689

Sweetspot

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



58.7779, 57.5209, 102.6125



82.3949, 85.2460, 106.7192



73.5819, 89.0732, 101.5536



17.1581, 17.6877, 22.7597



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.



58.7779, 57.5209, 102.6125



53.1535, 50.8649, 101.6242



64.0680, 57.9582, 102.4180



17.1581, 17.6877, 22.7597



9.6868, 4.2831, 49.7508



0.9917, 0.5141, 4.8602

Inverse Universe

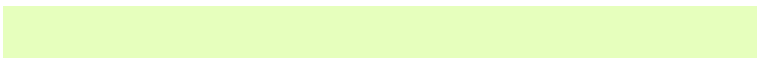
The Inverse Universe completely reimagines the original color for something new.



69.4025, 61.6422, 60.4672



65.4425, 55.7658, 52.8468



77.4830, 91.9679, 61.8137



18.0877, 18.0184, 19.0789



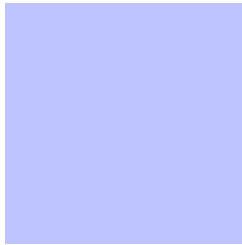
21.6776, 11.1603, 1.6870



2.1352, 1.0964, 0.2933

Previews

White Background



This preview shows how the XYZ color 58.7762, 57.5187, 102.6121 looks on a white background.

Color Contrast Check

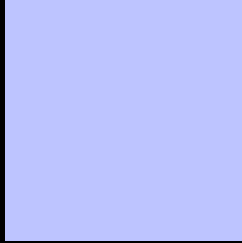
Large Text (above 18pt) WCAG AA × Fail

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 58.7762, 57.5187, 102.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

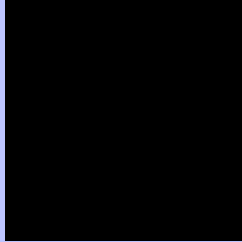
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7762, 57.5187, 102.6121

Background



This preview shows how black text looks on a background with the XYZ color 58.7762, 57.5187, 102.6121.



This preview shows how white text looks on a background with the XYZ color 58.7762, 57.5187,

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

58.7762, 57.5187, 102.6121

Protanopia

58.0238, 57.4668, 102.6418

Deuteranopia

59.0251, 57.6470, 102.6238



Tritanopia

53.4335, 57.7714, 75.3526

Trichromacy



Original Color

58.7762, 57.5187, 102.6121

Protanomaly

58.2660, 57.5916, 102.6531

Deuteranomaly

59.0251, 57.6470, 102.6238

Tritanomaly

55.2273, 57.4490, 84.5219

Monochromacy



Original Color

58.7762, 57.5187, 102.6121

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5005, 57.9376, 76.6118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7762, 57.5187, 102.6121 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(189, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 255)  
}
```

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(189, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.7762, 57.5187, 102.6121 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(189, 196, 255) }
```


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

```
.border{ border-color:rgb(189, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7762, 57.5187, 102.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 255) }
```

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

```
.background{ background-color: rgb(189,  
196, 255) }
```

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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