

Converting Colors

XYZ(61.8049, 56.6640,
102.2875)

Have a look what the booklet for
XYZ(61.8049, 56.6640, 102.2875)
contains.

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Color

**XYZ(61.9797, 56.8806,
102.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBDFF
RGB	207, 189, 255
RGB Percent	81%, 74%, 100%
CMY	0.1882, 0.2588, 0.0000
CMYK	0.19, 0.26, 0.00, 0.00
HSL	256°, 100%, 87%
HSV	256°, 26%, 100%
XYZ	61.9797, 56.8806, 102.3201
YIQ	201.9060, -10.4580, 24.3420

Conversions

Conversions Part 2

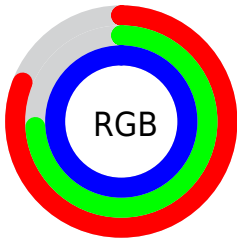
Format	Color
R _Y B	207, 189, 255
Decimal	13614591
CIE Lab	80.11, 19.31, -30.19
CIE LCh	80, 35.833, 302.602
Yxy	56.8806, 0.2802, 0.2572
Android (android.graphics.Color)	4291804671 (0xFFCFBDFF)
YUV	201.9060, 26.1753, 4.4674
Hunter-Lab	75.4192, 14.7081, -27.6444

Details

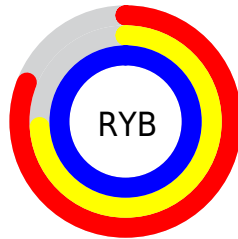
The XYZ color **61.9797, 56.8806, 102.3201** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8715, 93.1992, 61.9262**, and the grayscale version is **55.9286, 58.8412, 64.0781**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **31.9461, 28.3609, 57.2165** is the 20% darker color. If you saturate the color by 10%, you get **52.0887, 44.3434, 100.4215**, and if you desaturate by 10%, it is **73.4470, 71.6647, 104.5693**.

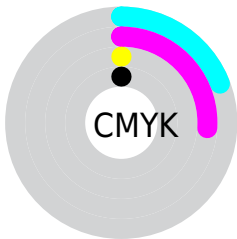
Distribution



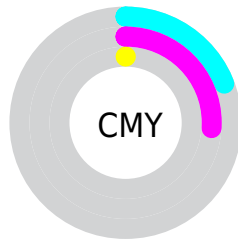
- Red (81%)
- Green (74%)
- Blue (100%)



- Red (81%)
- Yellow (74%)
- Blue (100%)



- Cyan (19%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9797, 56.8806, 102.3201 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 61.9797, 56.8806, 102.3201 by changing the saturation by 10% instead.

61.9797, 56.8806,
102.3201

61.9797, 56.8806,
102.3201

421.5758,
413.0018, 588.9159

45.2718, 40.9094,
77.6119

106.7863,
100.2909, 166.4215

31.8738, 28.2483,
57.2407

135.6157,
128.4989, 206.6518

21.4202, 18.5129,
40.7879

169.2164,
161.5545, 252.8932

13.5457, 11.3189,
27.8349

207.9537,
199.8422, 305.5643

7.8850, 6.2817,
17.9633

252.1929,
243.7464, 365.0835

4.0726, 3.0171,
10.7545

302.2994,

1.7433, 1.1407,

293.6514, 431.8695

5.7899

358.6386,
349.9418, 506.3408

■ 0.4831, 0.0124,
2.6510

■ 0.0000, 0.0000,
0.9186

■ 61.9797, 56.8806,
102.3201

■ 61.9797, 56.8806,
102.3201

■ 52.0887, 44.3434,
100.4215

■ 73.4470, 71.6647,
104.5693

■ 43.6975, 33.9344,
98.8546

■ 86.5522, 88.7927,
107.1847

■ 36.7304, 25.5343,
97.6004

95.0500, 100.0000,
108.9000

■ 31.1030, 19.0090,
96.6375

■ 26.7209, 14.2074,
95.9417

■ 23.4763, 10.9541,
95.4848

■ 21.2394, 9.0335,
95.2319

■ 20.5429, 8.5052,
95.1667

Harmonies

Analogous

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



54.7027, 56.8806, 111.3633



61.9797, 56.8806, 102.3201



67.4994, 56.8806, 82.3224

Triad

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



61.9797, 56.8806, 102.3201



60.7793, 56.8806, 32.6727



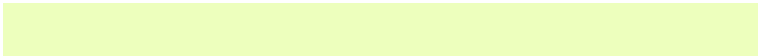
41.2251, 56.8806, 63.7752

Complementary

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



61.9797, 56.8806, 102.3201



79.8715, 93.1992, 61.9262

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.



42.5402, 56.8806, 45.2237



61.9797, 56.8806, 102.3201



53.4289, 56.8806, 29.8432

Square

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



61.9797, 56.8806, 102.3201



66.7637, 56.8806, 42.7100



46.8514, 56.8806, 33.8780



43.0853, 56.8806, 86.2008

Rectangle

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



61.9797, 56.8806, 102.3201



69.2027, 56.8806, 67.2520



46.8514, 56.8806, 33.8780



41.3106, 56.8806, 56.9027

Sweetspot

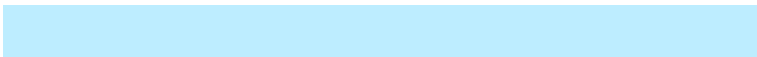
The Sweet Spot groups the original color and five complimentary colors.



61.9814, 56.8829, 102.3205



83.6346, 84.9617, 106.5990



69.4378, 78.8403, 106.1657



17.4678, 17.6174, 22.7298



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.



61.9814, 56.8829, 102.3205



56.7248, 50.1901, 101.3057



72.0484, 62.0726, 102.7916



17.4678, 17.6174, 22.7298



10.8558, 4.5068, 49.7323



1.1564, 0.4901, 4.8469

Inverse Universe

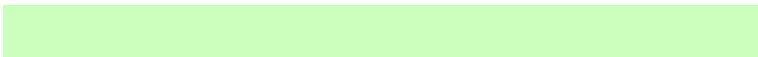
The Inverse Universe completely reimagines the original color for something new.



74.7249, 63.7716, 88.4929



71.5267, 58.1995, 84.8858



69.9583, 88.0888, 61.4623



18.5689, 18.2109, 21.6127



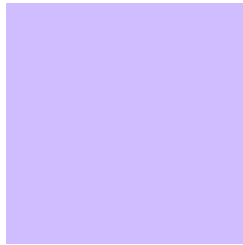
26.2158, 12.9756, 25.5845



2.5985, 1.2818, 2.7330

Previews

White Background



This preview shows how the XYZ color 61.9797, 56.8806, 102.3201 looks on a white background.

Color Contrast Check

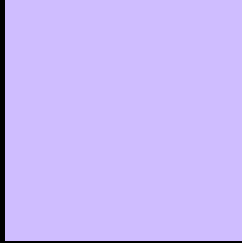
Large Text (above 18pt) WCAG AA × Fail

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 61.9797, 56.8806, 102.3201 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 61.9797, 56.8806, 102.3201

Background



This preview shows how black text looks on a background with the XYZ color 61.9797, 56.8806, 102.3201.

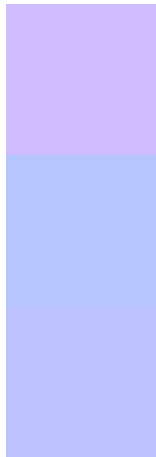


This preview shows how white text looks on a background with the XYZ color 61.9797, 56.8806,

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

61.9797, 56.8806, 102.3201

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.3908, 57.0048, 101.6914



Tritanopia

55.4031, 56.8281, 70.3362

Trichromacy



Original Color

61.9797, 56.8806, 102.3201

Protanomaly

59.0800, 57.0100, 102.4979

Deuteranomaly

59.7243, 57.0314, 101.6263

Tritanomaly

57.6525, 56.7416, 81.3124

Monochromacy



Original Color

61.9797, 56.8806, 102.3201

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9192, 57.9903, 76.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9797, 56.8806, 102.3201 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(207, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 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(207, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9797, 56.8806, 102.3201 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(207, 189, 255) }
```


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

```
.border{ border-color:rgb(207, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9797, 56.8806, 102.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 255) }
```

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

```
.background{ background-color: rgb(207,  
189, 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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