

Converting Colors

XYZ(66.7823, 60.9147,
102.8456)

Have a look what the booklet for
XYZ(66.7823, 60.9147, 102.8456)
contains.

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Color

**XYZ(66.8570, 61.0192,
102.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC2FF
RGB	220, 194, 255
RGB Percent	86%, 76%, 100%
CMY	0.1372, 0.2392, 0.0000
CMYK	0.14, 0.24, 0.00, 0.00
HSL	266°, 100%, 88%
HSV	266°, 24%, 100%
XYZ	66.8570, 61.0192, 102.8619
YIQ	208.7280, -4.0850, 24.4830

Conversions

Conversions Part 2

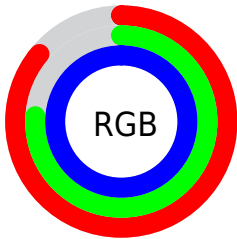
Format	Color
R _Y B	220, 194, 255
Decimal	14467839
CIE Lab	82.39, 20.58, -26.61
CIE LCh	82, 33.638, 307.723
Yxy	61.0192, 0.2898, 0.2645
Android (android.graphics.Color)	4292657919 (0xFFDCC2FF)
YUV	208.7280, 22.8121, 9.8855
Hunter-Lab	78.1148, 16.0740, -23.3930

Details

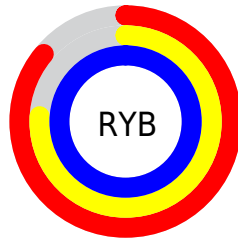
The XYZ color **66.8570, 61.0192, 102.8619** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8119, 92.0736, 64.7125**, and the grayscale version is **60.2868, 63.4264, 69.0713**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.8810, 30.7259, 57.5183** is the 20% darker color. If you saturate the color by 10%, you get **57.4253, 48.4440, 100.9317**, and if you desaturate by 10%, it is **77.6535, 75.7466, 105.1355**.

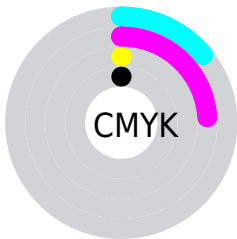
Distribution



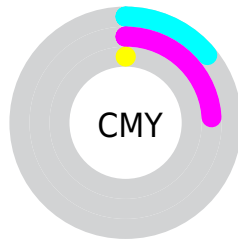
- Red (86%)
- Green (76%)
- Blue (100%)



- Red (86%)
- Yellow (76%)
- Blue (100%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8570, 61.0192, 102.8619 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 66.8570, 61.0192, 102.8619 by changing the saturation by 10% instead.

66.8570, 61.0192,
102.8619

66.8570, 61.0192,
102.8619

438.8761,
428.3444, 590.6546

49.2387, 44.2407,
78.0626

113.7664,
106.3067, 167.1706

35.0242, 30.8598,
57.6087

143.7882,
135.5845, 207.5172

23.8481, 20.4921,
41.0815

178.6753,
169.7975, 253.8832

15.3451, 12.7532,
28.0626

218.7929,
209.3301, 306.6872

9.1498, 7.2588,
18.1334

264.5064,
254.5667, 366.3479

4.8969, 3.6245,
10.8754

316.1812,

2.2211, 1.4658,

305.8917, 433.2836

5.8700

374.1826,
363.6895, 507.9130

■ 0.7538, 0.2645,
2.6987

■ 0.0000, 0.0000,
0.9428

■ 66.8570, 61.0192,
102.8619

■ 66.8570, 61.0192,
102.8619

■ 57.4253, 48.4440,
100.9317

■ 77.6535, 75.7466,
105.1355

■ 49.2937, 37.9090,
99.3268

■ 89.8652, 92.7161,
107.7673

■ 42.3993, 29.3033,
98.0292

95.0500, 100.0000,
108.9000

■ 36.6719, 22.5019,
97.0182

■ 32.0329, 17.3645,
96.2711

■ 28.3925, 13.7291,
95.7613

■ 25.6428, 11.3985,
95.4564

■ 24.3183, 10.4514,
95.3434

Harmonies

Analogous

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



59.8712, 61.0192, 113.8046



66.8570, 61.0192, 102.8619



71.7276, 61.0192, 82.5772

Triad

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



66.8570, 61.0192, 102.8619



63.3875, 61.0192, 36.1665



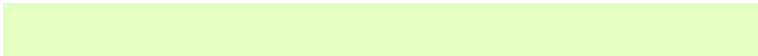
45.3683, 61.0192, 71.8933

Complementary

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



66.8570, 61.0192, 102.8619



77.8119, 92.0736, 64.7125

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.



46.1409, 61.0192, 52.5545



66.8570, 61.0192, 102.8619



56.1622, 61.0192, 34.4661

Square

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



66.8570, 61.0192, 102.8619



69.6121, 61.0192, 45.0727



49.9564, 61.0192, 39.8241



47.7515, 61.0192, 93.6741

Rectangle

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



66.8570, 61.0192, 102.8619



72.9083, 61.0192, 68.0226



49.9564, 61.0192, 39.8241



45.2713, 61.0192, 64.8812

Sweetspot

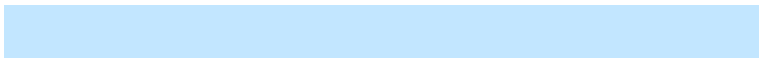
The Sweet Spot groups the original color and five complimentary colors.



66.8588, 61.0217, 102.8623



85.9495, 87.2443, 106.9175



68.4809, 75.0530, 105.4851



18.2360, 18.4499, 22.8500



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.



66.8588, 61.0217, 102.8623



61.8999, 54.3699, 101.8397



76.7374, 66.1143, 103.3246



17.7370, 17.7562, 22.7424



12.8692, 5.5448, 49.8266



1.3749, 0.6027, 4.8571

Inverse Universe

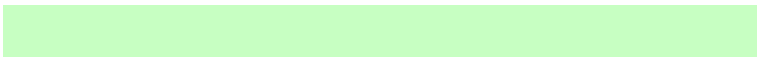
The Inverse Universe completely reimagines the original color for something new.



74.6760, 65.5029, 82.8378



71.1582, 59.6818, 77.9215



69.0746, 87.5693, 64.3036



18.4462, 18.1618, 20.9670



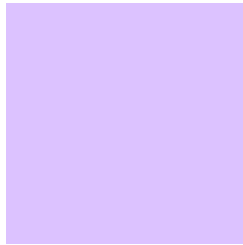
24.3488, 12.2288, 15.7532



2.4255, 1.2126, 1.8219

Previews

White Background



This preview shows how the XYZ color 66.8570, 61.0192, 102.8619 looks on a white background.

Color Contrast Check

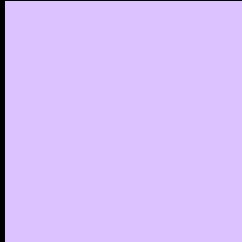
Large Text (above 18pt) WCAG AA × Fail

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 66.8570, 61.0192, 102.8619 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 66.8570, 61.0192, 102.8619

Background



This preview shows how black text looks on a background with the XYZ color 66.8570, 61.0192, 102.8619.



This preview shows how white text looks on a background with the XYZ color 66.8570, 61.0192,

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

66.8570, 61.0192, 102.8619

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.5955, 61.2084, 102.2812



Tritanopia

61.1426, 61.0792, 74.2125

Trichromacy



Original Color

66.8570, 61.0192, 102.8619

Protanomaly

63.0614, 61.0851, 103.0747

Deuteranomaly

63.8156, 60.8093, 102.1399

Tritanomaly

62.9368, 60.7566, 84.0114

Monochromacy



Original Color

66.8570, 61.0192, 102.8619

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.7609, 62.8229, 80.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8570, 61.0192, 102.8619 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(220, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 194, 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(220, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.8570, 61.0192, 102.8619 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(220, 194, 255) }
```


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

```
.border{ border-color:rgb(220, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8570, 61.0192, 102.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 194, 255) }
```

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

```
.background{ background-color: rgb(220,  
194, 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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