

Converting Colors

XYZ(67.3280, 62.8705,
126.1586)

Have a look what the booklet for
XYZ(67.3280, 62.8705, 126.1586)
contains.

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Color

**XYZ(62.7917, 60.9461,
103.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C8FF
RGB	201, 200, 255
RGB Percent	79%, 78%, 100%
CMY	0.2118, 0.2157, 0.0000
CMYK	0.21, 0.22, 0.00, 0.00
HSL	241°, 100%, 89%
HSV	241°, 22%, 100%
XYZ	62.7917, 60.9461, 103.0620
YIQ	206.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

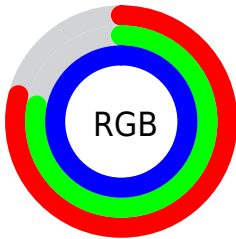
Format	Color
R _Y B	201, 200, 255
Decimal	13224191
CIE Lab	82.35, 11.55, -26.80
CIE LCh	82, 29.184, 293.310
Yxy	60.9461, 0.2769, 0.2687
Android (android.graphics.Color)	4291414271 (0xFFC9C8FF)
YUV	206.5690, 23.8765, -4.8840
Hunter-Lab	78.0680, 6.9523, -23.6245

Details

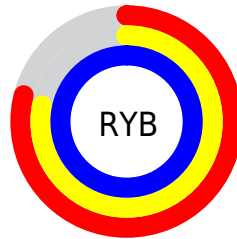
The XYZ color **62.7917, 60.9461, 103.0620** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0594, 96.7615, 68.7346**, and the grayscale version is **58.8919, 61.9589, 67.4732**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3260, 30.7460, 57.6569** is the 20% darker color. If you saturate the color by 10%, you get **51.1805, 46.9135, 100.9654**, and if you desaturate by 10%, it is **76.4883, 77.5188, 105.5390**.

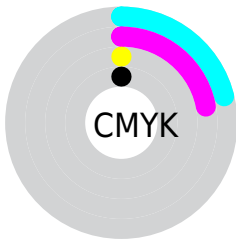
Distribution



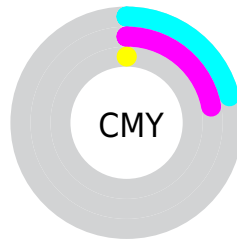
- Red (79%)
- Green (78%)
- Blue (100%)



- Red (79%)
- Yellow (78%)
- Blue (100%)



- Cyan (21%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7917, 60.9461, 103.0620 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 62.7917, 60.9461, 103.0620 by changing the saturation by 10% instead.

■ 62.7917, 60.9461,
103.0620

■ 62.7917, 60.9461,
103.0620

424.4848,
428.0763, 591.2961

■ 45.9307, 44.1817,
78.2291

107.9524,
106.2009, 167.4472

■ 32.3956, 30.8134,
57.7446

136.9829,
135.4600, 207.8366

■ 21.8208, 20.4568,
41.1900

170.8006,
169.6529, 254.2486

■ 13.8412, 12.7275,
28.1468

209.7709,
209.1638, 307.1017

■ 8.0912, 7.2412,
18.1963

254.2591,
254.3772, 366.8144

■ 4.2057, 3.6134,
10.9201

304.6306,

■ 1.8191, 1.4597,

305.6775, 433.8054

5.8997

361.2507,
363.4491, 508.4931

■ 0.5292, 0.2601,
2.7164

■ 0.0000, 0.0000,
0.9516

■ 62.7917, 60.9461,
103.0620

■ 62.7917, 60.9461,
103.0620

■ 51.1805, 46.9135,
100.9654

■ 76.4883, 77.5188,
105.5390

■ 41.5474, 35.2888,
99.2294

■ 92.3599, 96.7406,
108.4127

■ 33.7839, 25.9388,
97.8338

■ 95.0500, 100.0000,
108.9000

■ 27.7687, 18.7145,
96.7564

■ 23.3661, 13.4493,
95.9722

■ 20.4209, 9.9515,
95.4523

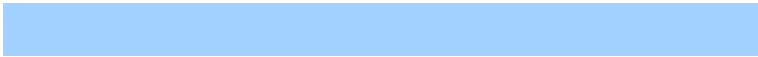
■ 18.7470, 7.9913,
95.1621

■ 18.1080, 7.2499,
95.0527

Harmonies

Analogous

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



56.5449, 60.9461, 106.5381



62.7917, 60.9461, 103.0620



68.0602, 60.9461, 89.0089

Triad

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



62.7917, 60.9461, 103.0620



65.3736, 60.9461, 42.5024



46.8391, 60.9461, 62.4479

Complementary

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



62.7917, 60.9461, 103.0620



87.0594, 96.7615, 68.7346

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.



48.8538, 60.9461, 47.9213



62.7917, 60.9461, 103.0620



59.3324, 60.9461, 37.8156

Square

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



62.7917, 60.9461, 103.0620



69.6239, 60.9461, 53.7042



53.3211, 60.9461, 39.6050



47.6203, 60.9461, 80.8624

Rectangle

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



62.7917, 60.9461, 103.0620



70.1594, 60.9461, 76.6944



53.3211, 60.9461, 39.6050



47.2068, 60.9461, 56.9982

Sweetspot

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



62.7935, 60.9485, 103.0624



85.0495, 87.8851, 107.0887



77.3389, 90.4365, 107.9875



17.9815, 18.5414, 22.8811



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.



62.7935, 60.9485, 103.0624



57.3943, 54.4210, 102.0870



70.8332, 65.0931, 103.4387



17.0335, 17.3935, 22.7095



9.4750, 3.7950, 49.6677



0.9328, 0.3748, 4.8365

Inverse Universe

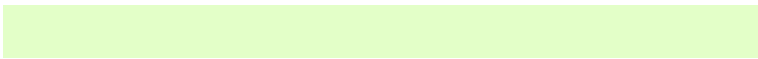
The Inverse Universe completely reimagines the original color for something new.



79.7849, 69.7264, 103.0206



77.2299, 64.6690, 102.0069



77.7338, 91.9539, 68.2981



18.7776, 18.2944, 22.7120



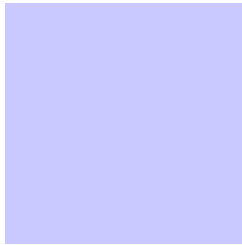
30.6019, 14.7301, 48.6817



2.9840, 1.4360, 4.7630

Previews

White Background



This preview shows how the XYZ color 62.7917, 60.9461, 103.0620 looks on a white background.

Color Contrast Check

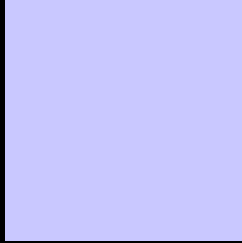
Large Text (above 18pt) WCAG AA × Fail

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 62.7917, 60.9461, 103.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

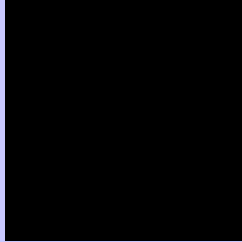
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7917, 60.9461, 103.0620

Background



This preview shows how black text looks on a background with the XYZ color 62.7917, 60.9461, 103.0620.



This preview shows how white text looks on a background with the XYZ color 62.7917, 60.9461,

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

62.7917, 60.9461, 103.0620

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

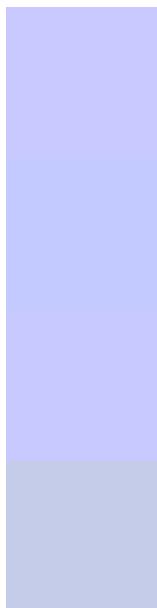
62.4898, 61.1354, 103.1145



Tritanopia

57.7618, 61.0186, 77.8406

Trichromacy



Original Color

62.7917, 60.9461, 103.0620

Protanomaly

61.6762, 61.0632, 103.1434

Deuteranomaly

62.7561, 61.2726, 103.1269

Tritanomaly

59.4701, 60.9966, 86.4810

Monochromacy



Original Color

62.7917, 60.9461, 103.0620

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2242, 61.5467, 79.2265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7917, 60.9461, 103.0620 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(201, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 200, 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(201, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.7917, 60.9461, 103.0620 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(201, 200, 255) }
```


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

```
.border{ border-color:rgb(201, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7917, 60.9461, 103.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 200, 255) }
```

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

```
.background{ background-color: rgb(201,  
200, 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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