

Converting Colors

XYZ(62.2960, 60.3137,
102.9661)

Have a look what the booklet for
XYZ(62.2960, 60.3137, 102.9661)
contains.

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Color

**XYZ(62.2928, 60.3462,
102.9725)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C7FF
RGB	200, 199, 255
RGB Percent	78%, 78%, 100%
CMY	0.2157, 0.2196, 0.0000
CMYK	0.22, 0.22, 0.00, 0.00
HSL	241°, 100%, 89%
HSV	241°, 22%, 100%
XYZ	62.2928, 60.3462, 102.9725
YIQ	205.6830, -17.3800, 17.6280

Conversions

Conversions Part 2

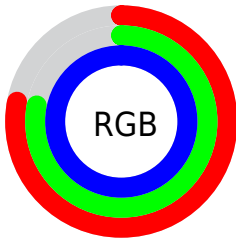
Format	Color
R _Y B	200, 199, 255
Decimal	13158399
CIE Lab	82.03, 11.79, -27.30
CIE LCh	82, 29.739, 293.351
Yxy	60.3462, 0.2761, 0.2675
Android (android.graphics.Color)	4291348479 (0xFFC8C7FF)
YUV	205.6830, 24.3133, -4.9840
Hunter-Lab	77.6828, 7.1918, -24.2139

Details

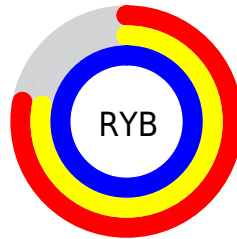
The XYZ color **62.2928, 60.3462, 102.9725** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.9430, 96.7149, 68.1209**, and the grayscale version is **58.3227, 61.3600, 66.8210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9955, 30.3478, 57.5974** is the 20% darker color. If you saturate the color by 10%, you get **50.7601, 46.4100, 100.8904**, and if you desaturate by 10%, it is **75.9077, 76.8181, 105.4343**.

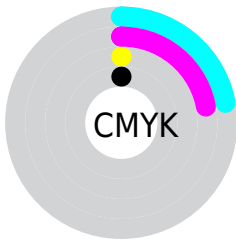
Distribution



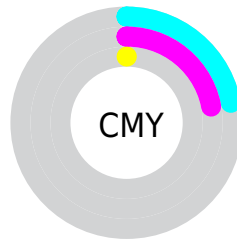
- Red (78%)
- Green (78%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2928, 60.3462, 102.9725 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 62.2928, 60.3462, 102.9725 by changing the saturation by 10% instead.

■ 62.2928, 60.3462,
102.9725

■ 62.2928, 60.3462,
102.9725

422.6989,
425.8727, 591.0092

■ 45.5258, 43.6977,
78.1546

107.2361,
105.3317, 167.3235

■ 32.0748, 30.4330,
57.6838

136.1432,
134.4376, 207.6937

■ 21.5745, 20.1674,
41.1415

169.8277,
168.4646, 254.0852

■ 13.6594, 12.5168,
28.1091

208.6550,
207.7974, 306.9163

■ 7.9643, 7.0967,
18.1682

252.9904,
252.8202, 366.6058

■ 4.1237, 3.5226,
10.9001

303.1993,

■ 1.7724, 1.4103,

303.9174, 433.5720

5.8864

359.6470,
361.4734, 508.2337

■ 0.5009, 0.2243,
2.7084

■ 0.0000, 0.0000,
0.9477

■ 62.2928, 60.3462,
102.9725

■ 62.2928, 60.3462,
102.9725

■ 50.7601, 46.4100,
100.8904

■ 75.9077, 76.8181,
105.4343

■ 41.2021, 34.8768,
99.1681

■ 91.6948, 95.9352,
108.2922

■ 33.5096, 25.6132,
97.7854

95.0500, 100.0000,
108.9000

■ 27.5609, 18.4693,
96.7201

■ 23.2196, 13.2777,
95.9468

■ 20.3293, 9.8456,
95.4367

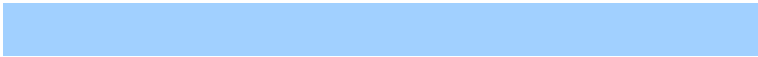
■ 18.7023, 7.9410,
95.1548

■ 18.1069, 7.2493,
95.0527

Harmonies

Analogous

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



55.9663, 60.3462, 106.5309



62.2928, 60.3462, 102.9725



67.6331, 60.3462, 88.6615

Triad

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



62.2928, 60.3462, 102.9725



64.8945, 60.3462, 41.6223



46.1490, 60.3462, 61.7719

Complementary

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



62.2928, 60.3462, 102.9725



86.9430, 96.7149, 68.1209

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.



48.1788, 60.3462, 47.1012



62.2928, 60.3462, 102.9725



58.7710, 60.3462, 36.9254

Square

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



62.2928, 60.3462, 102.9725



69.2104, 60.3462, 52.8954



52.6895, 60.3462, 38.7298



46.9412, 60.3462, 80.4358

Rectangle

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



62.2928, 60.3462, 102.9725



69.7607, 60.3462, 76.1538



52.6895, 60.3462, 38.7298



46.5187, 60.3462, 56.2617

Sweetspot

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



62.2946, 60.3486, 102.9729



83.4592, 85.9605, 106.8010



77.0673, 90.2887, 107.9733



17.6608, 18.1534, 22.8231



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.



62.2946, 60.3486, 102.9729



57.3889, 54.4182, 102.0868



70.4488, 64.5523, 103.3545



17.0330, 17.3932, 22.7094



9.4742, 3.7946, 49.6677



0.9325, 0.3747, 4.8364

Inverse Universe

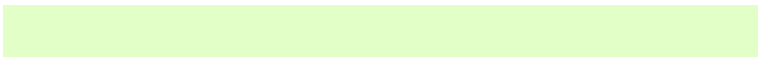
The Inverse Universe completely reimagines the original color for something new.



79.5541, 69.2647, 102.9438



77.2334, 64.6704, 102.0251



77.4549, 91.8236, 67.6769



18.7779, 18.2945, 22.7135



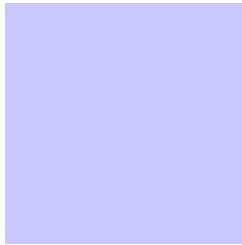
30.6087, 14.7328, 48.7171



2.9846, 1.4362, 4.7661

Previews

White Background



This preview shows how the XYZ color 62.2928, 60.3462, 102.9725 looks on a white background.

Color Contrast Check

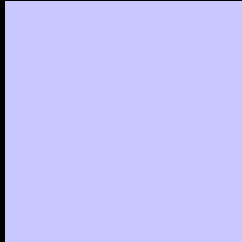
Large Text (above 18pt) WCAG AA × Fail

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 62.2928, 60.3462, 102.9725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

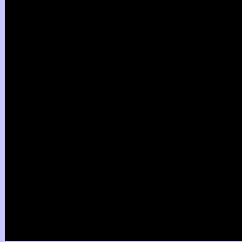
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2928, 60.3462, 102.9725

Background



This preview shows how black text looks on a background with the XYZ color 62.2928, 60.3462, 102.9725.



This preview shows how white text looks on a background with the XYZ color 62.2928, 60.3462,

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

62.2928, 60.3462, 102.9725

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.7302, 60.3989, 103.0124



Tritanopia

57.1306, 60.3524, 77.0447

Trichromacy



Original Color

62.2928, 60.3462, 102.9725

Protanomaly

61.1848, 60.4626, 103.0534

Deuteranomaly

61.9930, 60.5343, 103.0247

Tritanomaly

58.8289, 60.3308, 85.6352

Monochromacy



Original Color

62.2928, 60.3462, 102.9725

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.7123, 60.9311, 79.1347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2928, 60.3462, 102.9725 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(200, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 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(200, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.2928, 60.3462, 102.9725 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(200, 199, 255) }
```


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

```
.border{ border-color:rgb(200, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2928, 60.3462, 102.9725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 255) }
```

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

```
.background{ background-color: rgb(200,  
199, 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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