

Converting Colors

XYZ(62.3181, 58.2033,
102.5576)

Have a look what the booklet for
XYZ(62.3181, 58.2033, 102.5576)
contains.

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Color

**XYZ(62.2968, 58.3391,
102.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC1FF
RGB	205, 193, 255
RGB Percent	80%, 76%, 100%
CMY	0.1961, 0.2431, 0.0000
CMYK	0.20, 0.24, 0.00, 0.00
HSL	252°, 100%, 88%
HSV	252°, 24%, 100%
XYZ	62.2968, 58.3391, 102.5849
YIQ	203.6560, -12.7500, 21.8260

Conversions

Conversions Part 2

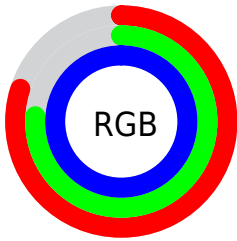
Format	Color
R _Y B	205, 193, 255
Decimal	13484543
CIE Lab	80.93, 16.53, -28.95
CIE LCh	81, 33.340, 299.730
Yxy	58.3391, 0.2791, 0.2614
Android (android.graphics.Color)	4291674623 (0xFFCDC1FF)
YUV	203.6560, 25.3126, 1.1787
Hunter-Lab	76.3800, 11.9224, -26.1655

Details

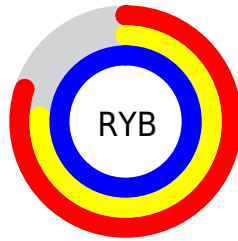
The XYZ color **62.2968, 58.3391, 102.5849** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3489, 94.4255, 64.3404**, and the grayscale version is **57.0302, 60.0002, 65.3402**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **32.0033, 29.0265, 57.3420** is the 20% darker color. If you saturate the color by 10%, you get **51.8335, 45.2871, 100.6171**, and if you desaturate by 10%, it is **74.4810, 73.7238, 104.9123**.

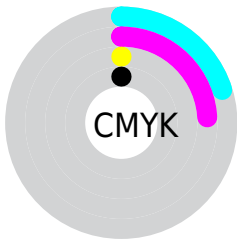
Distribution



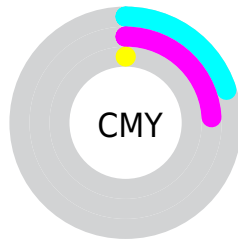
- Red (80%)
- Green (76%)
- Blue (100%)



- Red (80%)
- Yellow (76%)
- Blue (100%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2968, 58.3391, 102.5849 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 62.2968, 58.3391, 102.5849 by changing the saturation by 10% instead.

62.2968, 58.3391,
102.5849

62.2968, 58.3391,
102.5849

422.7132,
418.4483, 589.7660

45.5291, 42.0813,
77.8322

107.2419,
102.4165, 166.7877

32.0774, 29.1650,
57.4205

136.1500,
131.0049, 207.0748

21.5765, 19.2057,
40.9313

169.8355,
164.4723, 253.3772

13.6609, 11.8190,
27.9461

208.6640,
203.2032, 306.1133

7.9653, 6.6205,
18.0464

253.0006,
247.5818, 365.7016

4.1244, 3.2259,
10.8135

303.2108,

1.7727, 1.2508,

297.9926, 432.5609

5.8290

359.6599,
354.8200, 507.1095

■ 0.5012, 0.1026,
2.6743

■ 0.0000, 0.0000,
0.9304

■ 62.2968, 58.3391,
102.5849

■ 62.2968, 58.3391,
102.5849

■ 51.8335, 45.2871,
100.6171

■ 74.4810, 73.7238,
104.9123

■ 43.0073, 34.4463,
98.9898

■ 88.4545, 91.5408,
107.6148

■ 35.7348, 25.6946,
97.6839

95.0500, 100.0000,
108.9000

■ 29.9231, 18.8950,
96.6777

■ 25.4691, 13.8940,
95.9472

■ 22.2551, 10.5144,
95.4643

■ 20.1413, 8.5414,
95.1948

■ 19.3336, 7.8817,
95.1101

Harmonies

Analogous

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



55.3871, 58.3391, 109.6282



62.2968, 58.3391, 102.5849



67.7229, 58.3391, 84.6770

Triad

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



62.2968, 58.3391, 102.5849



62.4138, 58.3391, 36.0191



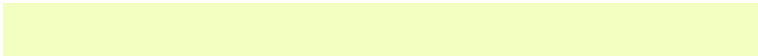
43.2060, 58.3391, 63.3426

Complementary

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



62.2968, 58.3391, 102.5849



82.3489, 94.4255, 64.3404

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.



44.7566, 58.3391, 46.2201



62.2968, 58.3391, 102.5849



55.5121, 58.3391, 32.5838

Square

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



62.2968, 58.3391, 102.5849



67.7943, 58.3391, 46.4712



49.1234, 58.3391, 35.8966



44.7025, 58.3391, 84.3022

Rectangle

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



62.2968, 58.3391, 102.5849



69.5643, 58.3391, 70.5432



49.1234, 58.3391, 35.8966



43.3862, 58.3391, 56.9817

Sweetspot

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



62.2985, 58.3414, 102.5853



84.5184, 86.5065, 106.8506



72.2842, 83.0395, 106.8262



17.9052, 18.2793, 22.8345



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.



62.2985, 58.3414, 102.5853



57.1833, 51.9384, 101.6190



71.5036, 63.0868, 103.0161



17.3311, 17.5469, 22.7234



10.1949, 4.1662, 49.7014



1.0747, 0.4479, 4.8431

Inverse Universe

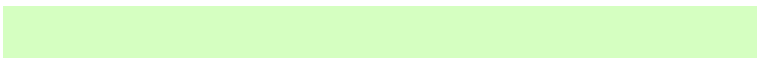
The Inverse Universe completely reimagines the original color for something new.



76.4889, 65.8731, 93.4788



73.6047, 60.6603, 90.8044



72.7213, 89.4623, 63.8898



18.6331, 18.2365, 21.9508



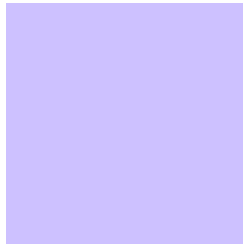
27.4013, 13.4498, 31.8272



2.7048, 1.3243, 3.2929

Previews

White Background



This preview shows how the XYZ color 62.2968, 58.3391, 102.5849 looks on a white background.

Color Contrast Check

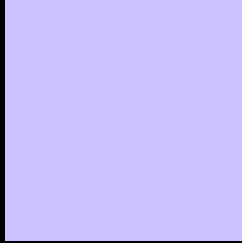
Large Text (above 18pt) WCAG AA × Fail

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 62.2968, 58.3391, 102.5849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

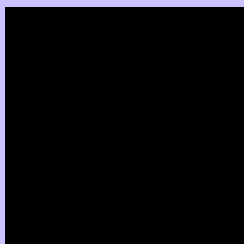
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2968, 58.3391, 102.5849

Background



This preview shows how black text looks on a background with the XYZ color 62.2968, 58.3391, 102.5849.

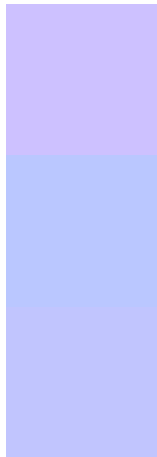


This preview shows how white text looks on a background with the XYZ color 62.2968, 58.3391,

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

62.2968, 58.3391, 102.5849

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

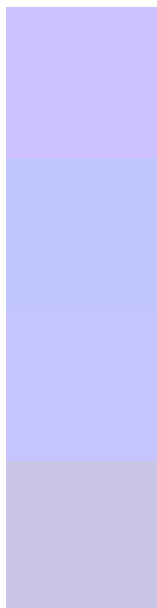
59.8480, 58.4257, 101.8889



Tritanopia

56.3376, 58.2722, 73.2441

Trichromacy



Original Color

62.2968, 58.3391, 102.5849

Protanomaly

60.0086, 58.4900, 102.7346

Deuteranomaly

60.6553, 58.5059, 101.8618

Tritanomaly

58.3366, 58.0632, 82.9956

Monochromacy



Original Color

62.2968, 58.3391, 102.5849

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8754, 59.4736, 78.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2968, 58.3391, 102.5849 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(205, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 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(205, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.2968, 58.3391, 102.5849 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(205, 193, 255) }
```


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

```
.border{ border-color:rgb(205, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2968, 58.3391, 102.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 255) }
```

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

```
.background{ background-color: rgb(205,  
193, 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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