

Converting Colors

XYZ(62.6869, 61.8248, 88.1585)

Have a look what the booklet for
XYZ(62.6869, 61.8248, 88.1585)
contains.

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Color

**XYZ(62.8392, 61.9988,
88.0119)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CAEC
RGB	210, 202, 236
RGB Percent	82%, 79%, 93%
CMY	0.1765, 0.2078, 0.0745
CMYK	0.11, 0.14, 0.00, 0.07
HSL	254°, 47%, 86%
HSV	254°, 14%, 93%
XYZ	62.8392, 61.9988, 88.0119
YIQ	208.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

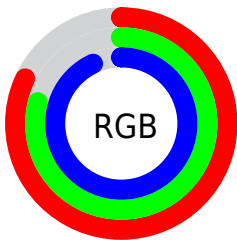
Format	Color
R _Y B	210, 202, 236
Decimal	13814508
CIE Lab	82.91, 9.23, -15.77
CIE LCh	83, 18.269, 300.351
Yxy	61.9988, 0.2952, 0.2913
Android (android.graphics.Color)	4292004588 (0xFFD2CAEC)
YUV	208.2680, 13.6719, 1.5190
Hunter-Lab	78.7393, 4.6610, -11.1547

Details

The XYZ color **62.8392, 61.9988, 88.0119** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.6532, 80.7508, 67.6372**, and the grayscale version is **60.0465, 63.1736, 68.7961**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3457, 31.4437, 47.5444** is the 20% darker color. If you saturate the color by 10%, you get **52.8680, 49.2586, 86.0793**, and if you desaturate by 10%, it is **74.2405, 76.7365, 90.2566**.

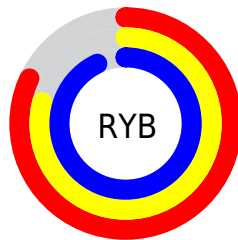
Distribution



Red (82%)

Green (79%)

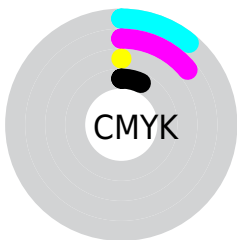
Blue (93%)



Red (82%)

Yellow (79%)

Blue (93%)

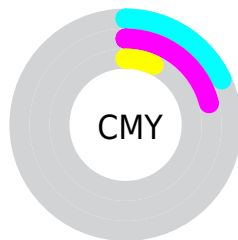


Cyan (11%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (18%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8392, 61.9988, 88.0119 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 62.8392, 61.9988, 88.0119 by changing the saturation by 10% instead.

62.8392, 61.9988,
88.0119

62.8392, 61.9988,
88.0119

424.6546,
431.9267, 541.9445

45.9693, 45.0317,
65.7685

108.0206,
107.7238, 146.4850

32.4261, 31.4824,
47.6292

137.0628,
137.2505, 183.5518

21.8443, 20.9665,
33.1755

170.8932,
171.7326, 226.3969

13.8585, 13.0995,
21.9887

209.8770,
211.5544, 275.4387

8.1034, 7.4971,
13.6503

254.3798,
257.1003, 331.0958

4.2135, 3.7749,
7.7419

304.7667,

1.8236, 1.5484,

308.7547, 393.7868

3.8449

361.4032,
366.9021, 463.9302

■ 0.5318, 0.3225,
1.5406

■ 0.0000, 0.0000,
0.2479

■ 62.8392, 61.9988,
88.0119

■ 62.8392, 61.9988,
88.0119

■ 52.8680, 49.2586,
86.0793

■ 74.2405, 76.7365,
90.2566

■ 44.2638, 38.4216,
84.4411

■ 87.1203, 93.5450,
92.8222

■ 36.9669, 29.3974,
83.0838

■ 92.1405, 98.8362,
93.5789

■ 30.9110, 22.0850,
81.9915

■ 26.0237, 16.3734,
81.1467

■ 22.2245, 12.1384,
80.5295

■ 19.4221, 9.2365,
80.1170

■ 17.5080, 7.4942,
79.8816

■ 16.7446, 6.8831,
79.8039

Harmonies

Analogous

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



58.9744, 61.9988, 91.6078



62.8392, 61.9988, 88.0119



65.7597, 61.9988, 78.8173

Triad

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



62.8392, 61.9988, 88.0119



62.7554, 61.9988, 50.3525



51.6728, 61.9988, 67.6390

Complementary

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



62.8392, 61.9988, 88.0119



72.6532, 80.7508, 67.6372

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.



52.5867, 61.9988, 57.3325



62.8392, 61.9988, 88.0119



58.8816, 61.9988, 48.0526

Square

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



62.8392, 61.9988, 88.0119



65.7098, 61.9988, 57.1265



55.1826, 61.9988, 50.4618



52.6297, 61.9988, 79.0726

Rectangle

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



62.8392, 61.9988, 88.0119



66.7160, 61.9988, 71.2083



55.1826, 61.9988, 50.4618



51.7709, 61.9988, 63.9346

Sweetspot

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



62.8411, 62.0014, 88.0133



89.0701, 92.2143, 107.7124



67.2612, 74.1381, 90.1229



18.8308, 19.4338, 23.0086



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.



62.8411, 62.0014, 88.0133



71.5837, 69.6377, 104.2763



67.9204, 64.6199, 88.2510



14.5629, 14.7199, 18.9959



9.3248, 3.8430, 43.9933



0.8154, 0.3447, 3.4584

Inverse Universe

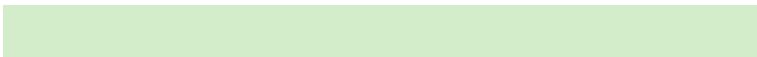
The Inverse Universe completely reimagines the original color for something new.



69.7183, 65.6780, 82.4042



81.1473, 74.7527, 96.3798



67.5412, 78.1154, 67.3980



15.5545, 15.2496, 18.2051



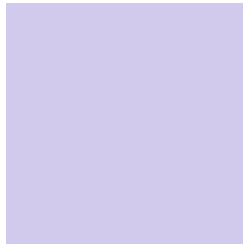
23.6886, 11.6781, 25.2251



1.8967, 0.9316, 2.1734

Previews

White Background



This preview shows how the XYZ color 62.8392, 61.9988, 88.0119 looks on a white background.

Color Contrast Check

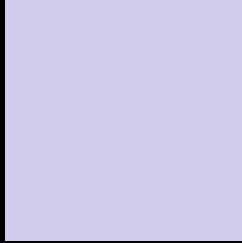
Large Text (above 18pt) WCAG AA × Fail

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 62.8392, 61.9988, 88.0119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

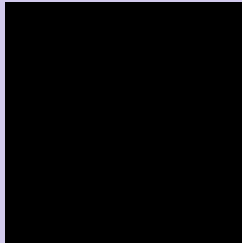
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8392, 61.9988, 88.0119

Background



This preview shows how black text looks on a background with the XYZ color 62.8392, 61.9988, 88.0119.



This preview shows how white text looks on a background with the XYZ color 62.8392, 61.9988,

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

62.8392, 61.9988, 88.0119

Protanopia

61.3513, 62.2532, 89.6714

Deuteranopia

63.1783, 61.8265, 87.9607



Tritanopia

60.6146, 62.1485, 77.2077

Trichromacy



Original Color

62.8392, 61.9988, 88.0119

Protanomaly

61.7808, 62.1375, 88.8583

Deuteranomaly

62.8909, 61.6783, 87.9473

Tritanomaly

61.3328, 62.0866, 80.7028

Monochromacy



Original Color

62.8392, 61.9988, 88.0119

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.0207, 62.7599, 75.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8392, 61.9988, 88.0119 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(210, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(210, 202, 236)  
}
```

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(210, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 236) }
```

Border

The CSS property to change the border of an element to XYZ 62.8392, 61.9988, 88.0119 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(210, 202, 236) }
```


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

```
.border{ border-color:rgb(210, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(210, 202,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8392, 61.9988, 88.0119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 236) }
```

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

```
.background{ background-color: rgb(210,  
202, 236) }
```

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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