

Converting Colors

XYZ(62.2358, 59.9772, 88.7810)

Have a look what the booklet for
XYZ(62.2358, 59.9772, 88.7810)
contains.

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Color

**XYZ(62.1163, 59.8958,
88.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C5ED
RGB	211, 197, 237
RGB Percent	83%, 77%, 93%
CMY	0.1725, 0.2274, 0.0706
CMYK	0.11, 0.17, 0.00, 0.07
HSL	261°, 53%, 85%
HSV	261°, 17%, 93%
XYZ	62.1163, 59.8958, 88.4079
YIQ	205.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

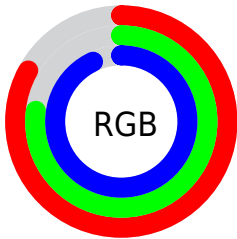
Format	Color
R_{YB}	211, 197, 237
Decimal	13878765
CIE _{Lab}	81.78, 12.43, -17.99
CIE _{LCh}	82, 21.871, 304.636
Yxy	59.8958, 0.2952, 0.2846
Android (android.graphics.Color)	4292068845 (0xFFD3C5ED)
YUV	205.7460, 15.4082, 4.6078
Hunter-Lab	77.3924, 7.8302, -13.5543

Details

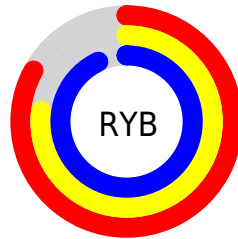
The XYZ color **62.1163, 59.8958, 88.4079** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.7957, 80.2890, 64.5921**, and the grayscale version is **58.4121, 61.4541, 66.9235**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.8733, 30.0490, 47.8362** is the 20% darker color. If you saturate the color by 10%, you get **52.9484, 47.8003, 86.5574**, and if you desaturate by 10%, it is **72.5569, 73.9064, 90.5629**.

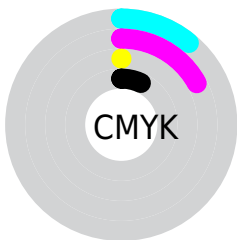
Distribution



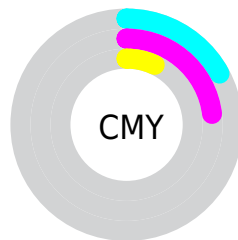
- Red (83%)
- Green (77%)
- Blue (93%)



- Red (83%)
- Yellow (77%)
- Blue (93%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1163, 59.8958, 88.4079 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 62.1163, 59.8958, 88.4079 by changing the saturation by 10% instead.

■ 62.1163, 59.8958,
88.4079

■ 62.1163, 59.8958,
88.4079

422.0660,
424.2136, 543.2740

■ 45.3826, 43.3347,
66.0947

106.9826,
104.6785, 147.0410

■ 31.9615, 30.1478,
47.8923

135.8459,
133.6688, 184.1980

■ 21.4875, 19.9508,
33.3822

169.4832,
167.5710, 227.1400

■ 13.5953, 12.3593,
22.1459

208.2597,
206.7695, 276.2856

■ 7.9195, 6.9889,
13.7648

252.5410,
251.6485, 332.0532

■ 4.0949, 3.4551,
7.8204

302.6922,

■ 1.7559, 1.3737,

302.5927, 394.8614

3.8941

359.0787,
359.9862, 465.1289

■ 0.4909, 0.1972,
1.5674

■ 0.0000, 0.0000,
0.2674

■ 62.1163, 59.8958,
88.4079

■ 62.1163, 59.8958,
88.4079

■ 52.9484, 47.8003,
86.5574

■ 72.5569, 73.9064,
90.5629

■ 44.9963, 37.5273,
84.9936

■ 84.3130, 89.9041,
93.0311

■ 38.2072, 28.9880,
83.7032

■ 92.2862, 98.8945,
94.3462

■ 32.5214, 22.0827,
82.6700

■ 27.8738, 16.7013,
81.8762

■ 24.1916, 12.7197,
81.3018

■ 21.3910, 9.9930,
80.9231

■ 19.3680, 8.3380,
80.7103

■ 18.8485, 7.9509,
80.6629

Harmonies

Analogous

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



57.6485, 59.8958, 93.9269



62.1163, 59.8958, 88.4079



65.3187, 59.8958, 76.7042

Triad

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



62.1163, 59.8958, 88.4079



60.8105, 59.8958, 44.8650



48.5447, 59.8958, 67.2895

Complementary

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



62.1163, 59.8958, 88.4079



70.7957, 80.2890, 64.5921

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.



49.2906, 59.8958, 54.9369



62.1163, 59.8958, 88.4079



56.2158, 59.8958, 43.0482

Square

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



62.1163, 59.8958, 88.4079



64.5367, 59.8958, 51.8280



52.0391, 59.8958, 46.4829



49.9442, 59.8958, 80.7321

Rectangle

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



62.1163, 59.8958, 88.4079



66.2165, 59.8958, 67.6178



52.0391, 59.8958, 46.4829



48.5535, 59.8958, 62.8724

Sweetspot

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



62.1181, 59.8983, 88.4092



88.1329, 90.5950, 107.4492



64.8802, 71.1190, 90.4295



18.6628, 19.1184, 22.9565



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.



62.1181, 59.8983, 88.4092



69.7207, 65.9114, 103.6552



67.9943, 62.9276, 88.6842



14.7284, 14.8053, 19.0037



10.4187, 4.4070, 44.0445



0.9189, 0.3980, 3.4633

Inverse Universe

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



68.2125, 63.2673, 78.4312



78.1411, 70.5690, 89.7396



65.1748, 77.3914, 64.3291



15.4779, 15.2190, 17.8022



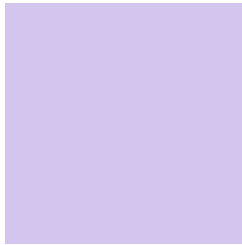
22.3193, 11.1304, 18.0146



1.7978, 0.8921, 1.6527

Previews

White Background



This preview shows how the XYZ color 62.1163, 59.8958, 88.4079 looks on a white background.

Color Contrast Check

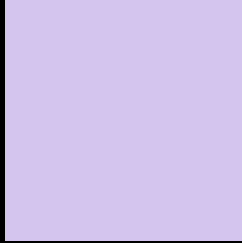
Large Text (above 18pt) WCAG AA × Fail

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 62.1163, 59.8958, 88.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

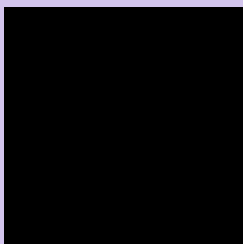
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1163, 59.8958, 88.4079

Background



This preview shows how black text looks on a background with the XYZ color 62.1163, 59.8958, 88.4079.



This preview shows how white text looks on a background with the XYZ color 62.1163, 59.8958,

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

62.1163, 59.8958, 88.4079

Protanopia

59.6137, 60.2681, 90.9290

Deuteranopia

61.2123, 59.7680, 88.4309



Tritanopia

59.2937, 60.1411, 73.4490

Trichromacy



Original Color

62.1163, 59.8958, 88.4079

Protanomaly

60.3217, 59.9581, 90.0551

Deuteranomaly

61.4926, 59.9125, 88.4440

Tritanomaly

60.4033, 60.2457, 78.9660

Monochromacy



Original Color

62.1163, 59.8958, 88.4079

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.8927, 61.1315, 74.2885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1163, 59.8958, 88.4079 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(211, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 237)  
}
```

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(211, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 237) }
```

Border

The CSS property to change the border of an element to XYZ 62.1163, 59.8958, 88.4079 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(211, 197, 237) }
```


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

```
.border{ border-color:rgb(211, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1163, 59.8958, 88.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 237) }
```

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

```
.background{ background-color: rgb(211,  
197, 237) }
```

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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