

Converting Colors

XYZ(59.8955, 61.0154, 79.3967)

Have a look what the booklet for
XYZ(59.8955, 61.0154, 79.3967)
contains.

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Color

**XYZ(59.9873, 61.0728,
79.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCBE0
RGB	205, 203, 224
RGB Percent	80%, 80%, 88%
CMY	0.1961, 0.2039, 0.1216
CMYK	0.08, 0.09, 0.00, 0.12
HSL	246°, 25%, 84%
HSV	246°, 9%, 88%
XYZ	59.9873, 61.0728, 79.1476
YIQ	205.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

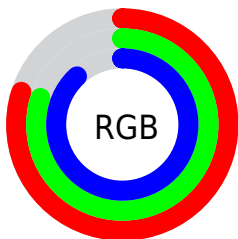
Format	Color
R _Y B	205, 203, 224
Decimal	13487072
CIE Lab	82.42, 4.67, -10.14
CIE LCh	82, 11.166, 294.739
Yxy	61.0728, 0.2996, 0.3050
Android (android.graphics.Color)	4291677152 (0xFFCDCBE0)
YUV	205.9920, 8.8779, -0.8700
Hunter-Lab	78.1491, 0.2558, -5.3432

Details

The XYZ color **59.9873, 61.0728, 79.1476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5616, 73.1543, 67.0622**, and the grayscale version is **58.6101, 61.6624, 67.1504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6714, 30.9388, 41.8913** is the 20% darker color. If you saturate the color by 10%, you get **49.8413, 48.5501, 77.2662**, and if you desaturate by 10%, it is **71.6255, 75.5027, 81.3204**.

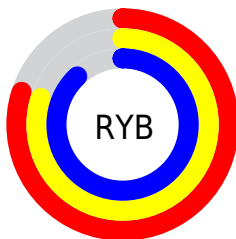
Distribution



Red (80%)

Green (80%)

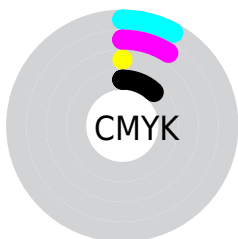
Blue (88%)



Red (80%)

Yellow (80%)

Blue (88%)

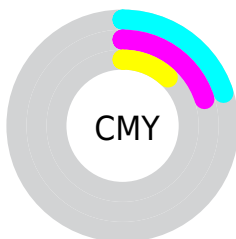


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9873, 61.0728, 79.1476 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 59.9873, 61.0728, 79.1476 by changing the saturation by 10% instead.

■ 59.9873, 61.0728,
79.1476

■ 59.9873, 61.0728,
79.1476

414.3864,
428.5409, 511.6863

■ 43.6578, 44.2839,
58.4951

103.9177,
106.3843, 133.9672

■ 30.5983, 30.8938,
41.7895

132.2493,
135.6758, 168.9714

■ 20.4435, 20.5180,
28.6122

165.3124,
169.9036, 209.5966

■ 12.8280, 12.7721,
18.5446

203.4722,
209.4520, 256.2613

■ 7.3864, 7.2718,
11.1682

247.0942,
254.7056, 309.3841

■ 3.7534, 3.6327,
6.0645

296.5436,

■ 1.5636, 1.4703,

306.0487, 369.3835

2.8149

352.1859,
363.8656, 436.6781

■ 0.3685, 0.2677,
1.0009

■ 0.0000, 0.0000,
0.0000

■ 59.9873, 61.0728,
79.1476

■ 59.9873, 61.0728,
79.1476

■ 49.8413, 48.5501,
77.2662

■ 71.6255, 75.5027,
81.3204

■ 41.1220, 37.8472,
75.6599

■ 84.8074, 91.9068,
83.7919

■ 33.7667, 28.8818,
74.3170

■ 90.4547, 98.1619,
84.7017

■ 27.7062, 21.5619,
73.2236

■ 22.8650, 15.7871,
72.3641

■ 19.1598, 11.4461,
71.7215

■ 16.4969, 8.4124,
71.2763

■ 14.7671, 6.5373,
71.0055

■ 13.8137, 5.5895,
70.8728

Harmonies

Analogous

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



57.6285, 61.0728, 80.4456



59.9873, 61.0728, 79.1476



61.8717, 61.0728, 74.3682

Triad

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



59.9873, 61.0728, 79.1476



60.7346, 61.0728, 56.3444



53.6020, 61.0728, 65.3013

Complementary

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



59.9873, 61.0728, 79.1476



67.5616, 73.1543, 67.0622

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.



54.3849, 61.0728, 59.2034



59.9873, 61.0728, 79.1476



58.4692, 61.0728, 54.2634

Square

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



59.9873, 61.0728, 79.1476



62.3113, 61.0728, 61.1541



56.1507, 61.0728, 55.2734



53.9835, 61.0728, 72.1442

Rectangle

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



59.9873, 61.0728, 79.1476



62.5833, 61.0728, 70.0136



56.1507, 61.0728, 55.2734



53.7370, 61.0728, 63.1019

Sweetspot

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



59.9891, 61.0754, 79.1489



90.1568, 93.9265, 107.9856



64.2728, 70.4554, 80.7337



19.0241, 19.7654, 23.0624



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.



59.9891, 61.0754, 79.1489



78.0160, 78.8907, 105.7233



62.9104, 62.5814, 79.2857



13.0724, 13.3053, 17.2669



8.0580, 3.2494, 41.2508



0.6005, 0.2469, 2.8612

Inverse Universe

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



65.2833, 63.8358, 77.9910



86.3188, 83.2202, 103.8852



64.5164, 71.5845, 66.9197



14.2359, 13.9120, 17.0123



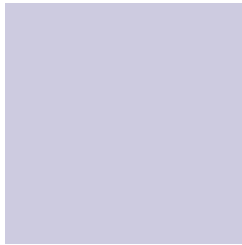
24.1699, 11.7349, 33.8899



1.6919, 0.8200, 2.4364

Previews

White Background



This preview shows how the XYZ color 59.9873, 61.0728, 79.1476 looks on a white background.

Color Contrast Check

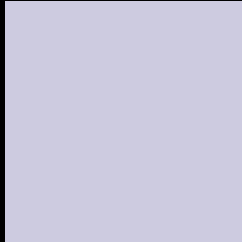
Large Text (above 18pt) WCAG AA × Fail

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 59.9873, 61.0728, 79.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

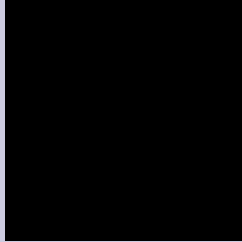
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9873, 61.0728, 79.1476

Background



This preview shows how black text looks on a background with the XYZ color 59.9873, 61.0728, 79.1476.

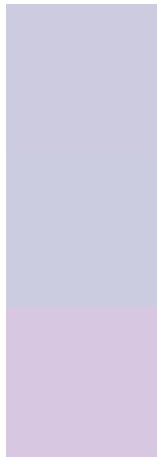


This preview shows how white text looks on a background with the XYZ color 59.9873, 61.0728,

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

59.9873, 61.0728, 79.1476

Protanopia

59.6760, 61.2641, 79.2009

Deuteranopia

62.3329, 60.8820, 79.7003



Tritanopia

59.4130, 61.1904, 76.3897

Trichromacy



Original Color

59.9873, 61.0728, 79.1476

Protanomaly

59.9493, 61.4049, 79.2137

Deuteranomaly

61.3963, 60.7418, 79.7226

Tritanomaly

59.5459, 61.2436, 77.0894

Monochromacy



Original Color

59.9873, 61.0728, 79.1476

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2952, 61.5886, 71.7134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9873, 61.0728, 79.1476 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, 203, 224) looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 224)  
}
```

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, 203, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.9873, 61.0728, 79.1476 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, 203, 224) }
```


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

```
.border{ border-color:rgb(205, 203, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 203, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9873, 61.0728, 79.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 203, 224) }
```

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

```
.background{ background-color: rgb(205,  
203, 224) }
```

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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