

Converting Colors

XYZ(59.7630, 61.0796, 73.6054)

Have a look what the booklet for
XYZ(59.7630, 61.0796, 73.6054)
contains.

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Color

**XYZ(59.7630, 61.0796,
73.6054)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CBD8
RGB	208, 203, 216
RGB Percent	82%, 80%, 85%
CMY	0.1843, 0.2039, 0.1529
CMYK	0.04, 0.06, 0.00, 0.15
HSL	263°, 14%, 82%
HSV	263°, 6%, 85%
XYZ	59.7630, 61.0796, 73.6054
YIQ	205.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

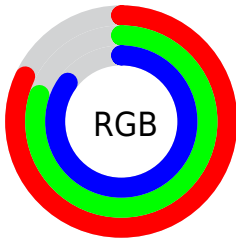
Format	Color
R _Y B	208, 203, 216
Decimal	13683672
CIE Lab	82.42, 4.12, -5.84
CIE LCh	82, 7.145, 305.234
Yxy	61.0796, 0.3073, 0.3141
Android (android.graphics.Color)	4291873752 (0xFFD0CBD8)
YUV	205.9770, 4.9413, 1.7742
Hunter-Lab	78.1534, -0.2717, -1.1323

Details

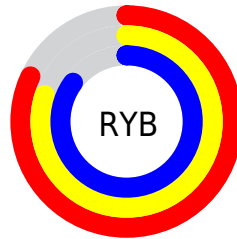
The XYZ color **59.7630, 61.0796, 73.6054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2016, 67.2740, 66.2097**, and the grayscale version is **58.6229, 61.6759, 67.1650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5069, 30.9381, 38.0820** is the 20% darker color. If you saturate the color by 10%, you get **51.4309, 49.7335, 71.8555**, and if you desaturate by 10%, it is **69.1227, 74.0138, 75.6096**.

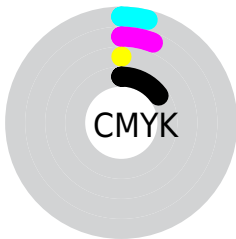
Distribution



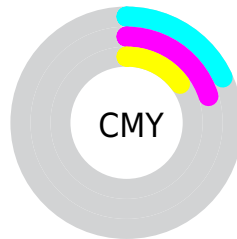
- Red (82%)
- Green (80%)
- Blue (85%)



- Red (82%)
- Yellow (80%)
- Blue (85%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7630, 61.0796, 73.6054 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 59.7630, 61.0796, 73.6054 by changing the saturation by 10% instead.

■ 59.7630, 61.0796,
73.6054

■ 59.7630, 61.0796,
73.6054

413.5724,
428.5658, 492.2373

■ 43.4764, 44.2894,
53.9763

103.5941,
106.3942, 126.0651

■ 30.4552, 30.8981,
38.1897

131.8693,
135.6874, 159.7329

■ 20.3341, 20.5213,
25.8270

164.8713,
169.9170, 198.9172

■ 12.7478, 12.7745,
16.4696

202.9656,
209.4675, 244.0367

■ 7.3309, 7.2735,
9.6991

246.5175,
254.7232, 295.5100

■ 3.7181, 3.6337,
5.0969

295.8924,

■ 1.5439, 1.4708,

306.0686, 353.7554

2.2445

351.4556,
363.8880, 419.1917

■ 0.3554, 0.2681,
0.6999

■ 0.0000, 0.0000,
0.0000

■ 59.7630, 61.0796,
73.6054

■ 59.7630, 61.0796,
73.6054

■ 51.4309, 49.7335,
71.8555

■ 69.1227, 74.0138,
75.6096

■ 44.0842, 39.9053,
70.3456

■ 79.5397, 88.5872,
77.8735

■ 37.6856, 31.5310,
69.0665

■ 86.8267, 96.4140,
79.0001

■ 32.1930, 24.5392,
68.0064

■ 89.3948, 97.7379,
79.1203

■ 27.5612, 18.8518,
67.1528

■ 23.7404, 14.3832,
66.4916

■ 20.6754, 11.0367,
66.0072

■ 18.3027, 8.7004,
65.6813

■ 16.5451, 7.2361,
65.4913

Harmonies

Analogous

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



58.3223, 61.0796, 75.2262



59.7630, 61.0796, 73.6054



60.7586, 61.0796, 70.0868

Triad

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



59.7630, 61.0796, 73.6054



59.2918, 61.0796, 59.1655



55.1821, 61.0796, 67.2745

Complementary

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



59.7630, 61.0796, 73.6054



62.2016, 67.2740, 66.2097

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.



55.4315, 61.0796, 63.0480



59.7630, 61.0796, 73.6054



57.7872, 61.0796, 58.4858

Square

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



59.7630, 61.0796, 73.6054



60.4832, 61.0796, 61.7758



56.3785, 61.0796, 59.8771



55.6913, 61.0796, 71.4702

Rectangle

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



59.7630, 61.0796, 73.6054



61.0267, 61.0796, 67.2057



56.3785, 61.0796, 59.8771



55.1801, 61.0796, 65.8098

Sweetspot

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



59.7648, 61.0822, 73.6067



92.2990, 96.1985, 108.3112



60.3238, 64.2533, 74.1893



19.7847, 20.6303, 23.1892



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.



59.7648, 61.0822, 73.6067



85.6903, 87.1106, 106.9054



61.6253, 62.0413, 73.6938



12.5365, 12.7135, 15.7307



9.5621, 4.0819, 38.7371



0.6677, 0.2931, 2.3407

Inverse Universe

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



61.4348, 62.0167, 70.3635



88.5322, 88.7011, 101.3735



60.3812, 66.3356, 66.1245



12.9819, 12.9628, 14.8629



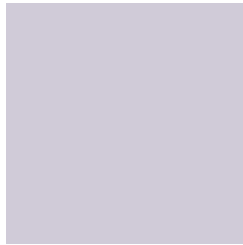
19.3202, 9.6644, 14.2559



1.2052, 0.5989, 1.0699

Previews

White Background



This preview shows how the XYZ color 59.7630, 61.0796, 73.6054 looks on a white background.

Color Contrast Check

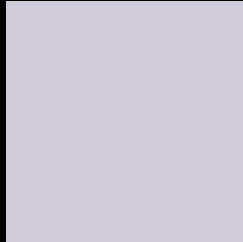
Large Text (above 18pt) WCAG AA × Fail

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 59.7630, 61.0796, 73.6054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

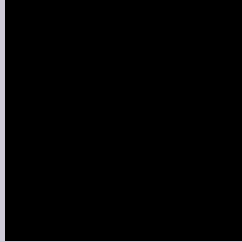
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7630, 61.0796, 73.6054

Background



This preview shows how black text looks on a background with the XYZ color 59.7630, 61.0796, 73.6054.



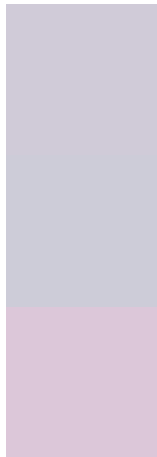
This preview shows how white text looks on a background with the XYZ color 59.7630, 61.0796,

73.6054.

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

59.7630, 61.0796, 73.6054

Protanopia

59.1644, 61.1227, 73.6453

Deuteranopia

62.4630, 61.0722, 74.1416



Tritanopia

60.1545, 61.2362, 75.6671

Trichromacy



Original Color

59.7630, 61.0796, 73.6054

Protanomaly

59.4411, 61.2654, 73.6583

Deuteranomaly

61.4976, 60.9172, 74.1626

Tritanomaly

60.0232, 61.1837, 74.9757

Monochromacy



Original Color

59.7630, 61.0796, 73.6054

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1963, 61.5812, 69.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7630, 61.0796, 73.6054 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(208, 203, 216) looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 216)  
}
```

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(208, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.7630, 61.0796, 73.6054 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(208, 203, 216) }
```


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

```
.border{ border-color:rgb(208, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7630, 61.0796, 73.6054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 216) }
```

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

```
.background{ background-color: rgb(208,  
203, 216) }
```

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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