

Converting Colors

XYZ(60.0664, 62.0467, 73.6856)

Have a look what the booklet for
XYZ(60.0664, 62.0467, 73.6856)
contains.

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Color

**XYZ(59.9581, 61.8859,
73.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCDD8
RGB	207, 205, 216
RGB Percent	81%, 80%, 85%
CMY	0.1882, 0.1961, 0.1529
CMYK	0.04, 0.05, 0.00, 0.15
HSL	251°, 12%, 83%
HSV	251°, 5%, 85%
XYZ	59.9581, 61.8859, 73.7508
YIQ	206.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

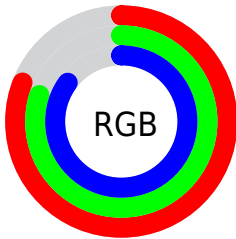
Format	Color
RYP	207, 205, 216
Decimal	13618648
CIELab	82.85, 2.73, -5.21
CIElCh	83, 5.880, 297.654
Yxy	61.8859, 0.3065, 0.3164
Android (android.graphics.Color)	4291808728 (0xFFCFCDD8)
YUV	206.8520, 4.5100, 0.1298
Hunter-Lab	78.6676, -1.6209, -0.5170

Details

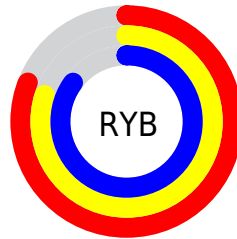
The XYZ color **59.9581, 61.8859, 73.7508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3092, 67.8173, 67.5140**, and the grayscale version is **59.1874, 62.2697, 67.8118**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6365, 31.4787, 38.1795** is the 20% darker color. If you saturate the color by 10%, you get **50.4785, 49.8523, 71.9287**, and if you desaturate by 10%, it is **70.7076, 75.6364, 75.8393**.

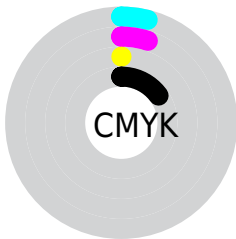
Distribution



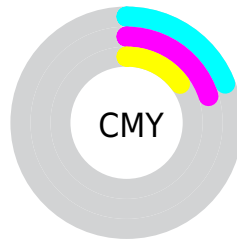
- Red (81%)
- Green (80%)
- Blue (85%)



- Red (81%)
- Yellow (80%)
- Blue (85%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9581, 61.8859, 73.7508 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 59.9581, 61.8859, 73.7508 by changing the saturation by 10% instead.

■ 59.9581, 61.8859,
73.7508

■ 59.9581, 61.8859,
73.7508

414.2805,
431.5148, 492.7532

■ 43.6342, 44.9405,
54.0945

103.8756,
107.5606, 126.2733

■ 30.5797, 31.4106,
38.2836

132.1999,
137.0587, 159.9766

■ 20.4293, 20.9117,
25.8993

165.2550,
171.5099, 199.1993

■ 12.8175, 13.0595,
16.5232

203.4063,
211.2984, 244.3600

■ 7.3792, 7.4695,
9.7368

247.0191,
256.8088, 295.8772

■ 3.7488, 3.7574,
5.1215

296.4589,

■ 1.5610, 1.5388,

308.4254, 354.1694

2.2587

352.0909,
366.5326, 419.6553

■ 0.3668, 0.3158,
0.7080

■ 0.0000, 0.0000,
0.0000

■ 59.9581, 61.8859,
73.7508

■ 59.9581, 61.8859,
73.7508

■ 50.4785, 49.8523,
71.9287

■ 70.7076, 75.6364,
75.8393

■ 42.2162, 39.4604,
70.3583

■ 82.7663, 91.1596,
78.2000

■ 35.1230, 30.6407,
69.0298

■ 89.3949, 97.7379,
79.1204

■ 29.1450, 23.3160,
67.9310

■ 24.2243, 17.4025,
67.0490

■ 20.2977, 12.8079,
66.3691

■ 17.2946, 9.4286,
65.8751

■ 15.1352, 7.1455,
65.5482

■ 13.7241, 5.8142,
65.3656

Harmonies

Analogous

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



58.7211, 61.8859, 74.5938



59.9581, 61.8859, 73.7508



60.9019, 61.8859, 71.1835

Triad

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



59.9581, 61.8859, 73.7508



60.1331, 61.8859, 61.6618



56.4212, 61.8859, 67.0982

Complementary

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



59.9581, 61.8859, 73.7508



63.3092, 67.8173, 67.5140

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.



56.7874, 61.8859, 63.7206



59.9581, 61.8859, 73.7508



58.9204, 61.8859, 60.6529

Square

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



59.9581, 61.8859, 73.7508



61.0040, 61.8859, 64.1981



57.6978, 61.8859, 61.3931



56.6901, 61.8859, 70.6720

Rectangle

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



59.9581, 61.8859, 73.7508



61.2316, 61.8859, 68.8852



57.6978, 61.8859, 61.3931



56.4740, 61.8859, 65.9032

Sweetspot

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



59.9599, 61.8885, 73.7522



91.9255, 96.0060, 108.2938



61.6623, 66.1163, 74.4785



19.7086, 20.5911, 23.1857



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.



59.9599, 61.8885, 73.7522



85.9041, 88.3256, 107.1287



61.4757, 62.6699, 73.8231



12.5411, 12.8666, 15.7600



7.9021, 3.2262, 38.6594



0.5410, 0.2278, 2.3348

Inverse Universe

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



62.2900, 63.1194, 72.5218



89.9177, 90.4460, 104.9987



61.7776, 67.0277, 67.4423



13.1826, 13.2056, 15.4187



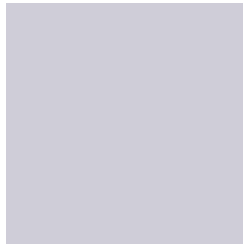
21.4829, 10.5295, 25.6450



1.3215, 0.6454, 1.6826

Previews

White Background



This preview shows how the XYZ color 59.9581, 61.8859, 73.7508 looks on a white background.

Color Contrast Check

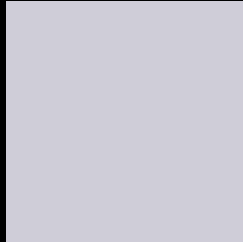
Large Text (above 18pt) WCAG AA × Fail

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 59.9581, 61.8859, 73.7508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

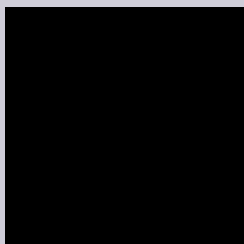
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

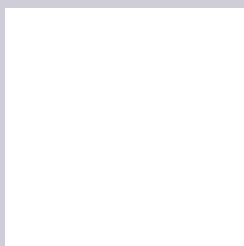
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9581, 61.8859, 73.7508

Background



This preview shows how black text looks on a background with the XYZ color 59.9581, 61.8859, 73.7508.

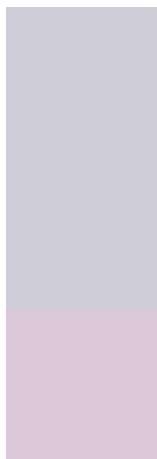


This preview shows how white text looks on a background with the XYZ color 59.9581, 61.8859,

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

59.9581, 61.8859, 73.7508

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

62.9975, 61.6905, 74.2328



Tritanopia

60.5236, 61.7629, 76.4417

Trichromacy



Original Color

59.9581, 61.8859, 73.7508

Protanomaly

59.9581, 61.8859, 73.7508

Deuteranomaly

61.9638, 61.8497, 74.3180

Tritanomaly

60.3915, 61.7101, 75.7461

Monochromacy



Original Color

59.9581, 61.8859, 73.7508

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4363, 62.0612, 69.8191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9581, 61.8859, 73.7508 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(207, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 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(207, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.9581, 61.8859, 73.7508 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(207, 205, 216) }
```


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

```
.border{ border-color:rgb(207, 205, 216) }
```

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

Here you see how a box with a 4 pixel rgb(207, 205, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9581, 61.8859, 73.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 216) }
```

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

```
.background{ background-color: rgb(207,  
205, 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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