

Converting Colors

XYZ(60.7091, 63.5647, 73.6045)

Have a look what the booklet for
XYZ(60.7091, 63.5647, 73.6045)
contains.

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Color

**XYZ(60.7983, 63.7726,
73.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD1D7
RGB	207, 209, 215
RGB Percent	81%, 82%, 84%
CMY	0.1882, 0.1804, 0.1569
CMYK	0.04, 0.03, 0.00, 0.16
HSL	225°, 9%, 83%
HSV	225°, 4%, 84%
XYZ	60.7983, 63.7726, 73.3949
YIQ	209.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

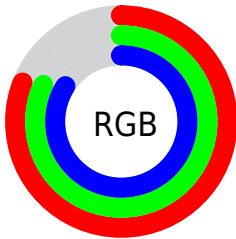
Format	Color
RYP	207, 209, 215
Decimal	13619671
CIE Lab	83.85, 0.44, -3.21
CIE LCh	84, 3.240, 277.733
Yxy	63.7726, 0.3071, 0.3221
Android (android.graphics.Color)	4291809751 (0xFFCFD1D7)
YUV	209.0860, 2.9156, -1.8294
Hunter-Lab	79.8577, -3.8532, 1.4087

Details

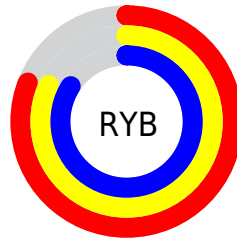
The XYZ color **60.7983, 63.7726, 73.3949** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0812, 66.5398, 68.5512**, and the grayscale version is **60.6450, 63.8033, 69.4818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2034, 32.7531, 37.9351** is the 20% darker color. If you saturate the color by 10%, you get **51.4401, 53.3740, 71.8820**, and if you desaturate by 10%, it is **71.3781, 75.3982, 75.0822**.

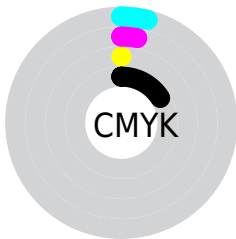
Distribution



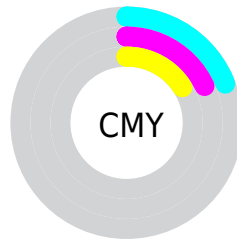
- Red (81%)
- Green (82%)
- Blue (84%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7983, 63.7726, 73.3949 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 60.7983, 63.7726, 73.3949 by changing the saturation by 10% instead.

■ 60.7983, 63.7726,
73.3949

■ 60.7983, 63.7726,
73.3949

417.3218,
438.3680, 491.4898

■ 44.3143, 46.4665,
53.8051

105.0866,
110.2834, 125.7638

■ 31.1167, 32.6141,
38.0538

133.6217,
140.2569, 159.3800

■ 20.8400, 21.8310,
25.7223

166.9044,
175.2216, 198.5087

■ 13.1189, 13.7328,
16.3921

205.3003,
215.5620, 243.5686

■ 7.5880, 7.9350,
9.6447

249.1746,
261.6624, 294.9781

■ 3.8821, 4.0534,
5.0615

298.8927,

■ 1.6356, 1.7035,

313.9073, 353.1557

2.2240

354.8200,
372.6810, 418.5201

■ 0.4155, 0.4259,
0.6882

■ 0.0000, 0.0000,
0.0000

■ 60.7983, 63.7726,
73.3949

■ 60.7983, 63.7726,
73.3949

■ 51.4401, 53.3740,
71.8820

■ 71.3781, 75.3982,
75.0822

■ 43.2534, 44.1538,
70.5338

■ 83.2163, 88.2814,
76.9450

■ 36.1925, 36.0717,
69.3459

■ 89.2659, 97.6864,
78.4415

■ 30.2067, 29.0824,
68.3123

■ 25.2412, 23.1370,
67.4265

■ 21.2363, 18.1830,
66.6813

■ 18.1255, 14.1628,
66.0693

■ 15.8335, 11.0125,
65.5821

■ 14.2707, 8.6584,
65.2100

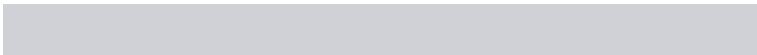
Harmonies

Analogous

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



60.0967, 63.7726, 73.1289



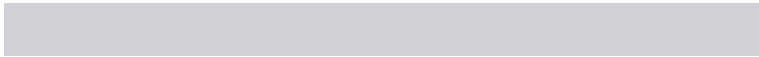
60.7983, 63.7726, 73.3949



61.4555, 63.7726, 72.5842

Triad

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



60.7983, 63.7726, 73.3949



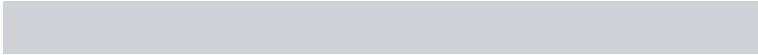
61.7030, 63.7726, 67.0660



59.3560, 63.7726, 67.9626

Complementary

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



60.7983, 63.7726, 73.3949



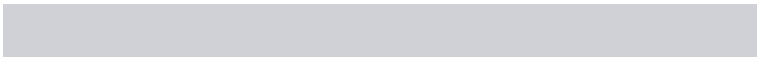
63.0812, 66.5398, 68.5512

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.



59.7801, 63.7726, 66.3831



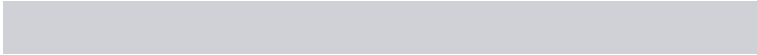
60.7983, 63.7726, 73.3949



61.1341, 63.7726, 65.8725

Square

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



60.7983, 63.7726, 73.3949



61.9804, 63.7726, 68.9114



60.4300, 63.7726, 65.6250



59.2677, 63.7726, 69.9663

Rectangle

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



60.7983, 63.7726, 73.3949



61.7787, 63.7726, 71.5515



60.4300, 63.7726, 65.6250



59.4639, 63.7726, 67.3656

Sweetspot

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



60.8001, 63.7753, 73.3963



93.5113, 98.3061, 108.6541



62.0268, 66.6646, 72.4614



20.0315, 21.0594, 23.2591



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.



60.8001, 63.7753, 73.3963



89.0057, 93.3350, 107.9321



60.8363, 63.0688, 73.2580



12.9686, 13.5912, 15.8774



8.1925, 4.6468, 38.9183



0.5605, 0.4131, 2.3695

Inverse Universe

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



61.8472, 63.6773, 69.3561



90.6752, 93.1812, 101.4894



63.0432, 67.2730, 68.6947



13.2543, 13.5657, 14.7745



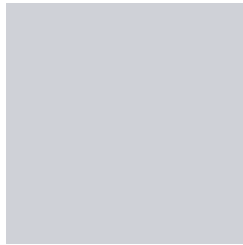
17.1941, 8.8139, 3.0600



1.0706, 0.5450, 0.3610

Previews

White Background



This preview shows how the XYZ color 60.7983, 63.7726, 73.3949 looks on a white background.

Color Contrast Check

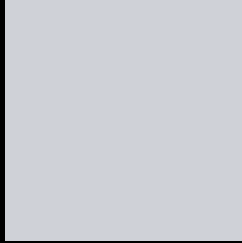
Large Text (above 18pt) WCAG AA × Fail

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 60.7983, 63.7726, 73.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

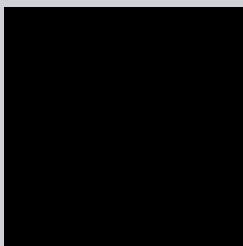
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

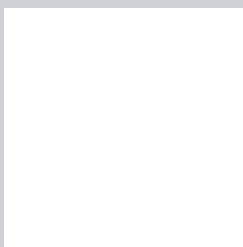
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7983, 63.7726, 73.3949

Background



This preview shows how black text looks on a background with the XYZ color 60.7983, 63.7726, 73.3949.

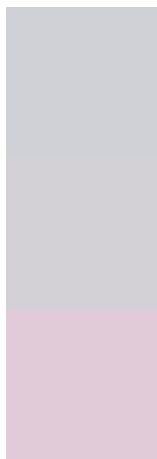


This preview shows how white text looks on a background with the XYZ color 60.7983, 63.7726,

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

60.7983, 63.7726, 73.3949

Protanopia

61.5574, 63.8157, 72.6916

Deuteranopia

65.1146, 63.8385, 73.8559



Tritanopia

62.0228, 63.9035, 79.5867

Trichromacy



Original Color

60.7983, 63.7726, 73.3949

Protanomaly

61.2718, 63.6684, 72.6782

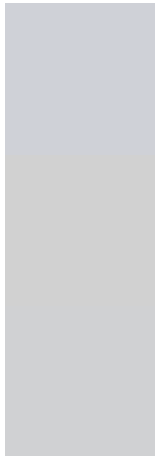
Deuteranomaly

63.4394, 63.6806, 73.9137

Tritanomaly

61.6194, 63.7421, 77.4624

Monochromacy



Original Color

60.7983, 63.7726, 73.3949

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5708, 63.7140, 70.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7983, 63.7726, 73.3949 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, 209, 215) looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 215)  
}
```

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, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.7983, 63.7726, 73.3949 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, 209, 215) }
```


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

```
.border{ border-color:rgb(207, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7983, 63.7726, 73.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 215) }
```

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

```
.background{ background-color: rgb(207,  
209, 215) }
```

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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