

Converting Colors

XYZ(59.8695, 65.2271, 73.6079)

Have a look what the booklet for
XYZ(59.8695, 65.2271, 73.6079)
contains.

XYZ(59.8655, 65.1415, 73.7083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.8655, 65.1415,
73.7083)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6D7
RGB	199, 214, 215
RGB Percent	78%, 84%, 84%
CMY	0.2196, 0.1608, 0.1569
CMYK	0.07, 0.00, 0.00, 0.16
HSL	184°, 17%, 81%
HSV	184°, 7%, 84%
XYZ	59.8655, 65.1415, 73.7083
YIQ	209.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

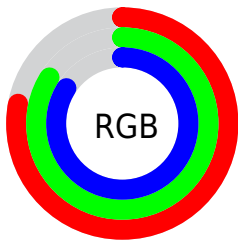
Format	Color
RYB	199, 207, 215
Decimal	13096663
CIELab	84.56, -4.84, -2.24
CIELCh	85, 5.328, 204.816
Yxy	65.1415, 0.3013, 0.3278
Android (android.graphics.Color)	4291286743 (0xFFC7D6D7)
YUV	209.6290, 2.6479, -9.3216
Hunter-Lab	80.7103, -8.8436, 2.3509

Details

The XYZ color **59.8655, 65.1415, 73.7083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9878, 59.8788, 62.4827**, and the grayscale version is **61.0044, 64.1814, 69.8936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4204, 33.3541, 38.0924** is the 20% darker color. If you saturate the color by 10%, you get **54.2220, 61.7327, 73.3488**, and if you desaturate by 10%, it is **66.3215, 68.9768, 74.1093**.

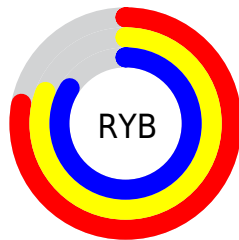
Distribution



Red (78%)

Green (84%)

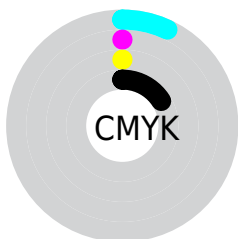
Blue (84%)



Red (78%)

Yellow (81%)

Blue (84%)

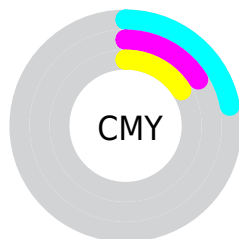


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8655, 65.1415, 73.7083 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 59.8655, 65.1415, 73.7083 by changing the saturation by 10% instead.

■ 59.8655, 65.1415,
73.7083

■ 59.8655, 65.1415,
73.7083

413.9445,
443.3003, 492.6025

■ 43.5593, 47.5758,
54.0600

103.7420,
112.2533, 126.2124

■ 30.5206, 33.4911,
38.2561

132.0430,
142.5681, 159.9053

■ 20.3841, 22.5029,
25.8782

165.0729,
177.9016, 199.1168

■ 12.7844, 14.2269,
16.5076

203.1972,
218.6379, 244.2655

■ 7.3563, 8.2787,
9.7258

246.7811,
265.1615, 295.7699

■ 3.7342, 4.2738,
5.1143

296.1901,

■ 1.5529, 1.8279,

317.8569, 354.0484

2.2546

351.7894,
377.1083, 419.5198

■ 0.3614, 0.5044,
0.7056

■ 0.0000, 0.0000,
0.0000

■ 59.8655, 65.1415,
73.7083

■ 59.8655, 65.1415,
73.7083

■ 54.2220, 61.7327,
73.3488

■ 66.3215, 68.9768,
74.1093

■ 49.3518, 58.7250,
73.0249

■ 73.6160, 73.2468,
74.5491

■ 45.2207, 56.1024,
72.7364

■ 78.5834, 76.3212,
74.8807

■ 41.7900, 53.8449,
72.4815

■ 78.9322, 77.0189,
74.9969

■ 39.0172, 51.9307,
72.2582

■ 79.2838, 77.7221,
75.1142

■ 36.8553, 50.3356,
72.0642

■ 79.6383, 78.4311,
75.2323

■ 35.2511, 49.0320,
71.8972

■ 79.9956, 79.1456,
75.3514

■ 34.1421, 47.9878,
71.7541

■ 80.3557, 79.8659,
75.4714

■ 33.4434, 47.1591,
71.6310

■ 80.7187, 80.5918,
75.5924

Harmonies

Analogous

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



59.6687, 65.1415, 70.3388



59.8655, 65.1415, 73.7083



60.6086, 65.1415, 76.4083

Triad

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



59.8655, 65.1415, 73.7083



63.8001, 65.1415, 74.7633



62.1216, 65.1415, 64.6125

Complementary

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



59.8655, 65.1415, 73.7083



58.9878, 59.8788, 62.4827

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.



63.2401, 65.1415, 65.7163



59.8655, 65.1415, 73.7083



64.2171, 65.1415, 71.5205

Square

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



59.8655, 65.1415, 73.7083



62.8784, 65.1415, 77.0309



64.0108, 65.1415, 68.2185



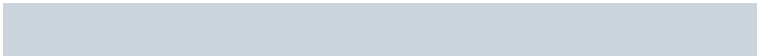
60.9616, 65.1415, 65.1563

Rectangle

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



59.8655, 65.1415, 73.7083



61.3189, 65.1415, 77.4284



64.0108, 65.1415, 68.2185



62.5150, 65.1415, 64.8021

Sweetspot

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



59.8674, 65.1442, 73.7097



93.0972, 98.8430, 108.7796



58.2567, 64.9049, 63.9797



19.9471, 21.1686, 23.2846



0.0000, 0.0000, 0.0000



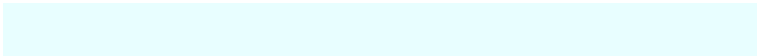
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8674, 65.1442, 73.7097



86.6505, 94.9953, 108.3767



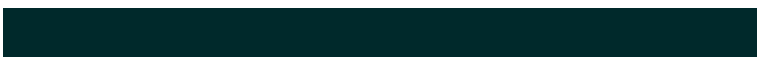
57.9395, 61.2885, 73.0671



12.7229, 13.9691, 15.9633



19.9429, 28.1476, 42.8351



1.2234, 1.7387, 2.5904

Inverse Universe

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



60.5868, 60.1503, 72.0384



87.9313, 86.1296, 105.3956



60.8413, 63.5860, 63.1006



12.9181, 12.6187, 15.5088



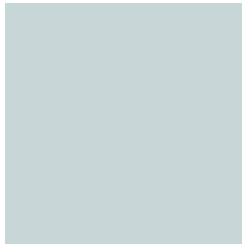
23.1251, 11.1864, 34.2925



1.4051, 0.6788, 2.1228

Previews

White Background



This preview shows how the XYZ color 59.8655, 65.1415, 73.7083 looks on a white background.

Color Contrast Check

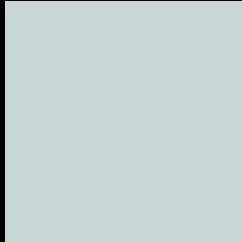
Large Text (above 18pt) WCAG AA × Fail

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 59.8655, 65.1415, 73.7083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

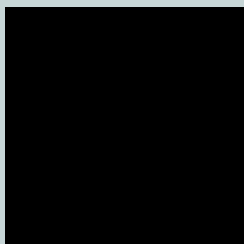
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

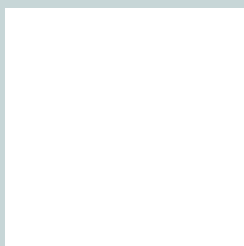
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8655, 65.1415, 73.7083

Background



This preview shows how black text looks on a background with the XYZ color 59.8655, 65.1415, 73.7083.

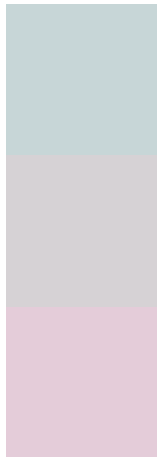


This preview shows how white text looks on a background with the XYZ color 59.8655, 65.1415,

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

59.8655, 65.1415, 73.7083

Protanopia

62.7884, 65.1934, 72.2251

Deuteranopia

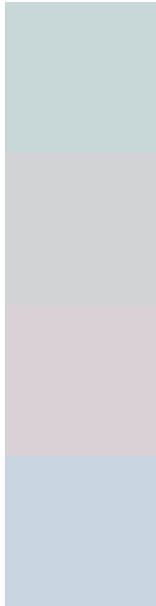
66.1122, 64.6895, 74.6475



Tritanopia

61.7737, 65.1616, 83.4504

Trichromacy



Original Color

59.8655, 65.1415, 73.7083

Protanomaly

61.7264, 64.9989, 72.9110

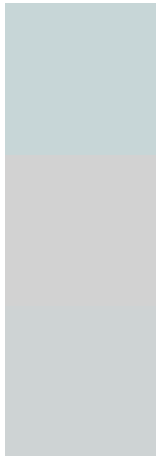
Deuteranomaly

63.5658, 64.8213, 74.1272

Tritanomaly

61.0682, 65.2497, 79.8968

Monochromacy



Original Color

59.8655, 65.1415, 73.7083

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6315, 64.4638, 71.5345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8655, 65.1415, 73.7083 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(199, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 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(199, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.8655, 65.1415, 73.7083 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(199, 214, 215) }
```


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

```
.border{ border-color:rgb(199, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8655, 65.1415, 73.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 215) }
```

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

```
.background{ background-color: rgb(199,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor