

Converting Colors

XYZ(63.0349, 70.9838, 73.6345)

Have a look what the booklet for
XYZ(63.0349, 70.9838, 73.6345)
contains.

XYZ(63.0228, 71.0720, 73.3474)	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(63.0228, 71.0720,
73.3474)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E1D5
RGB	201, 225, 213
RGB Percent	79%, 88%, 84%
CMY	0.2118, 0.1176, 0.1647
CMYK	0.11, 0.00, 0.05, 0.12
HSL	150°, 29%, 84%
HSV	150°, 11%, 88%
XYZ	63.0228, 71.0720, 73.3474
YIQ	216.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

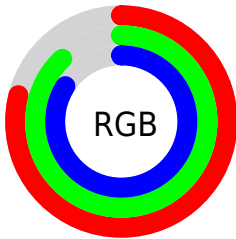
Format	Color
R _Y B	201, 217, 225
Decimal	13230549
CIE Lab	87.52, -10.20, 3.16
CIE LCh	88, 10.682, 162.792
Yxy	71.0720, 0.3038, 0.3426
Android (android.graphics.Color)	4291420629 (0xFFC9E1D5)
YUV	216.4560, -1.7038, -13.5549
Hunter-Lab	84.3042, -14.0922, 7.4287

Details

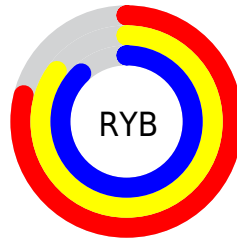
The XYZ color **63.0228, 71.0720, 73.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9507, 62.5867, 71.6638**, and the grayscale version is **65.5992, 69.0155, 75.1579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5789, 37.4211, 37.8537** is the 20% darker color. If you saturate the color by 10%, you get **56.0329, 67.6299, 65.8226**, and if you desaturate by 10%, it is **71.0018, 75.0165, 81.4387**.

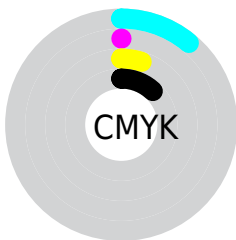
Distribution



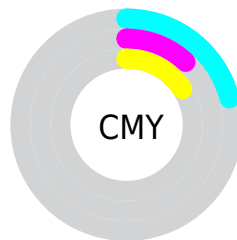
- Red (79%)
- Green (88%)
- Blue (84%)



- Red (79%)
- Yellow (85%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0228, 71.0720, 73.3474 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 63.0228, 71.0720, 73.3474 by changing the saturation by 10% instead.

63.0228, 71.0720,
73.3474

63.0228, 71.0720,
73.3474

425.3106,
464.3051, 491.3210

46.1184, 52.4010,
53.7665

108.2840,
120.7362, 125.6957

32.5443, 37.3248,
38.0231

137.3715,
152.4982, 159.3003

21.9351, 25.4590,
25.6987

171.2508,
189.3926, 198.4165

13.9256, 16.4194,
16.3746

210.2871,
231.8039, 243.4629

8.1503, 9.8214,
9.6324

254.8459,
280.1164, 294.8580

4.2439, 5.2807,
5.0535

305.2925,

1.8410, 2.4129,

334.7145, 353.0203

2.2194

361.9923,
395.9826, 418.3685

■ 0.5422, 0.8325,
0.6855

■ 0.0000, 0.0000,
0.0000

■ 63.0228, 71.0720,
73.3474

■ 63.0228, 71.0720,
73.3474

■ 56.0329, 67.6299,
65.8226

■ 71.0018, 75.0165,
81.4387

■ 49.9858, 64.6606,
58.8474

■ 80.0020, 79.4738,
90.1038

■ 44.8402, 62.1451,
52.4105

■ 84.9175, 81.8135,
99.1150

■ 40.5494, 60.0595,
46.4987

■ 86.2166, 82.3331,
105.9555

■ 37.0623, 58.3778,
41.0980

■ 34.3220, 57.0708,
36.1939

■ 32.2636, 56.1055,
31.7709

■ 30.8102, 55.4423,
27.8125

■ 29.8784, 55.0339,
24.5198

Harmonies

Analogous

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



64.3094, 71.0720, 67.6310



63.0228, 71.0720, 73.3474



62.9305, 71.0720, 80.5026

Triad

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



63.0228, 71.0720, 73.3474



68.6317, 71.0720, 91.7404



71.1747, 71.0720, 68.3252

Complementary

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



63.0228, 71.0720, 73.3474



63.9507, 62.5867, 71.6638

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.



72.3940, 71.0720, 74.3496



63.0228, 71.0720, 73.3474



70.9014, 71.0720, 88.0352

Square

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



63.0228, 71.0720, 73.3474



66.1268, 71.0720, 91.4304



72.2927, 71.0720, 81.5688



68.9972, 71.0720, 64.8577

Rectangle

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



63.0228, 71.0720, 73.3474



63.5551, 71.0720, 85.1567



72.2927, 71.0720, 81.5688



71.7126, 71.0720, 70.1018

Sweetspot

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



63.0248, 71.0750, 73.3490



91.6814, 98.3339, 105.5593



65.0270, 72.2768, 65.7828



19.4354, 20.9544, 22.4054



0.0000, 0.0000, 0.0000



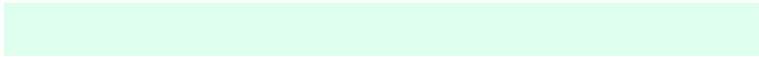
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0248, 71.0750, 73.3490



81.3331, 93.2239, 94.9223



64.5511, 71.6855, 81.3864



13.8131, 15.4510, 16.0512



17.2755, 31.7350, 14.4395



1.2426, 2.2178, 1.2389

Inverse Universe

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



63.9507, 62.5867, 71.6638



82.8169, 79.6211, 92.2218



62.5298, 62.0183, 64.1814



13.9917, 13.8143, 15.7263



19.6541, 9.9286, 10.1101



1.4075, 0.7063, 0.9388

Previews

White Background



This preview shows how the XYZ color 63.0228, 71.0720, 73.3474 looks on a white background.

Color Contrast Check

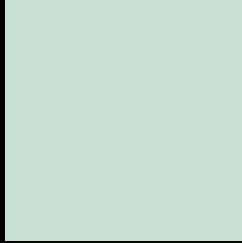
Large Text (above 18pt) WCAG AA × Fail

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 63.0228, 71.0720, 73.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

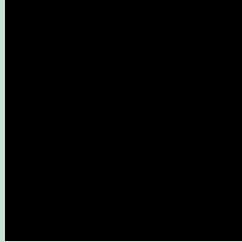
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

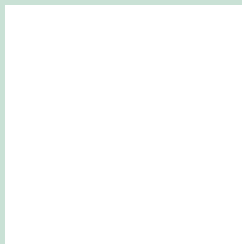
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0228, 71.0720, 73.3474

Background



This preview shows how black text looks on a background with the XYZ color 63.0228, 71.0720, 73.3474.

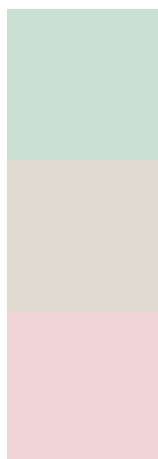


This preview shows how white text looks on a background with the XYZ color 63.0228, 71.0720,

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

63.0228, 71.0720, 73.3474

Protanopia

67.6314, 70.7538, 70.4139

Deuteranopia

72.2138, 70.7456, 74.8149



Tritanopia

66.6133, 70.9240, 91.8402

Trichromacy



Original Color

63.0228, 71.0720, 73.3474

Protanomaly

65.8082, 70.9650, 71.2019

Deuteranomaly

68.4426, 70.7008, 74.3293

Tritanomaly

65.3060, 70.7931, 85.0853

Monochromacy



Original Color

63.0228, 71.0720, 73.3474

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.4612, 69.4182, 74.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0228, 71.0720, 73.3474 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(201, 225, 213)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 213)  
}
```

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(201, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 213) }
```

Border

The CSS property to change the border of an element to XYZ 63.0228, 71.0720, 73.3474 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(201, 225, 213) }
```


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

```
.border{ border-color:rgb(201, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0228, 71.0720, 73.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 213) }
```

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

```
.background{ background-color: rgb(201,  
225, 213) }
```

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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