

Converting Colors

XYZ(63.0380, 70.9861, 76.2845)

Have a look what the booklet for
XYZ(63.0380, 70.9861, 76.2845)
contains.

XYZ(63.0028, 71.0023, 76.0299)	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(63.0028, 71.0023,
76.0299)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E1D9
RGB	199, 225, 217
RGB Percent	78%, 88%, 85%
CMY	0.2196, 0.1176, 0.1490
CMYK	0.12, 0.00, 0.04, 0.12
HSL	162°, 30%, 83%
HSV	162°, 12%, 88%
XYZ	63.0028, 71.0023, 76.0299
YIQ	216.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

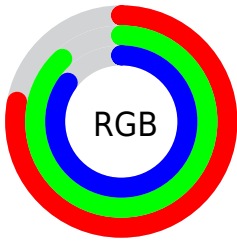
Format	Color
R _Y B	199, 214, 225
Decimal	13099481
CIE Lab	87.49, -10.10, 0.99
CIE LCh	87, 10.152, 174.405
Yxy	71.0023, 0.3000, 0.3380
Android (android.graphics.Color)	4291289561 (0xFFC7E1D9)
YUV	216.3140, 0.3382, -15.1844
Hunter-Lab	84.2629, -13.9967, 5.4870

Details

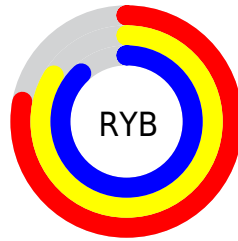
The XYZ color **63.0028, 71.0023, 76.0299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7398, 61.3613, 67.5719**, and the grayscale version is **65.4900, 68.9006, 75.0328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5734, 37.3778, 39.6803** is the 20% darker color. If you saturate the color by 10%, you get **56.5870, 67.7987, 71.1268**, and if you desaturate by 10%, it is **70.3431, 74.6821, 81.1766**.

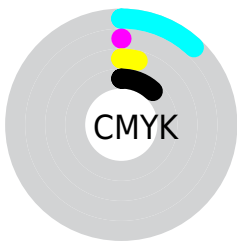
Distribution



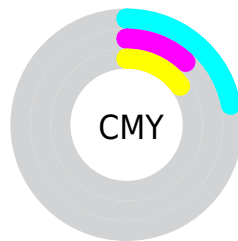
- Red (78%)
- Green (88%)
- Blue (85%)



- Red (78%)
- Yellow (84%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0028, 71.0023, 76.0299 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 63.0028, 71.0023, 76.0299 by changing the saturation by 10% instead.

■ 63.0028, 71.0023,
76.0299

■ 63.0028, 71.0023,
76.0299

425.2392,
464.0615, 500.7996

■ 46.1021, 52.3441,
55.9502

108.2553,
120.6370, 129.5296

■ 32.5314, 37.2794,
39.7593

137.3379,
152.3823, 163.7868

■ 21.9252, 25.4239,
27.0386

171.2118,
189.2587, 203.6068

■ 13.9183, 16.3932,
17.3695

210.2425,
231.6506, 249.4083

■ 8.1452, 9.8028,
10.3335

254.7952,
279.9424, 301.6098

■ 4.2406, 5.2684,
5.5122

305.2353,

■ 1.8391, 2.4056,

334.5186, 360.6298

2.4869

361.9282,
395.7635, 426.8869

■ 0.5411, 0.8288,
0.8332

■ 0.0000, 0.0000,
0.0000

■ 63.0028, 71.0023,
76.0299

■ 63.0028, 71.0023,
76.0299

■ 56.5870, 67.7987,
71.1268

■ 70.3431, 74.6821,
81.1766

■ 51.0507, 65.0422,
66.4582

■ 78.6386, 78.8478,
86.5663

■ 46.3539, 62.7143,
62.0215

■ 83.5664, 81.2730,
92.0003

■ 42.4512, 60.7915,
57.8121

■ 84.6026, 81.6875,
97.4565

■ 39.2928, 59.2483,
53.8249

■ 85.6783, 82.1178,
103.1210

■ 36.8230, 58.0559,
50.0550

■ 86.2165, 82.3331,
105.9555

■ 34.9779, 57.1816,
46.4965

■ 33.6812, 56.5859,
43.1434

■ 32.9064, 56.2450,
40.4650

Harmonies

Analogous

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



63.8076, 71.0023, 69.8800



63.0028, 71.0023, 76.0299



63.3758, 71.0023, 82.8911

Triad

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



63.0028, 71.0023, 76.0299



69.4074, 71.0023, 89.9602



70.2032, 71.0023, 67.0676

Complementary

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



63.0028, 71.0023, 76.0299



62.7398, 61.3613, 67.5719

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.



71.7692, 71.0023, 71.9841



63.0028, 71.0023, 76.0299



71.3022, 71.0023, 85.2477

Square

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



63.0028, 71.0023, 76.0299



67.0373, 71.0023, 91.2007



72.1761, 71.0023, 78.6032



67.9358, 71.0023, 64.9056

Rectangle

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



63.0028, 71.0023, 76.0299



64.2469, 71.0023, 86.9158



72.1761, 71.0023, 78.6032



70.8313, 71.0023, 68.4384

Sweetspot

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



63.0048, 71.0053, 76.0315



91.9145, 98.4271, 106.7866



63.0337, 71.2761, 64.4694



19.4983, 20.9796, 22.7369



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.



63.0048, 71.0053, 76.0315



81.3948, 93.1590, 99.2893



62.8006, 68.8901, 81.2249



13.9276, 15.4968, 16.6537



19.0158, 32.4312, 23.6038



1.3576, 2.2637, 1.8441

Inverse Universe

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



62.7398, 61.3613, 67.5719



80.9732, 77.8091, 85.8258



62.8999, 63.2080, 62.9191



13.8801, 13.7697, 15.1386



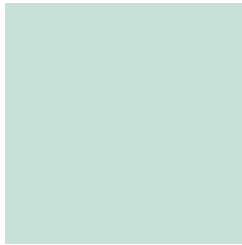
18.5627, 9.4921, 4.3628



1.3259, 0.6736, 0.5088

Previews

White Background



This preview shows how the XYZ color 63.0028, 71.0023, 76.0299 looks on a white background.

Color Contrast Check

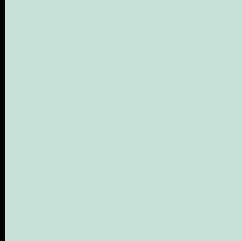
Large Text (above 18pt) WCAG AA × Fail

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 63.0028, 71.0023, 76.0299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

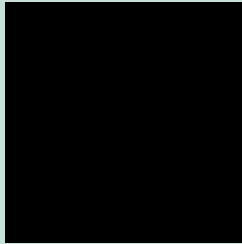
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

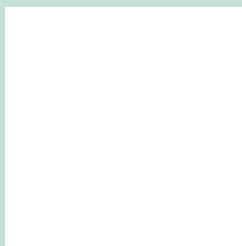
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0028, 71.0023, 76.0299

Background



This preview shows how black text looks on a background with the XYZ color 63.0028, 71.0023, 76.0299.

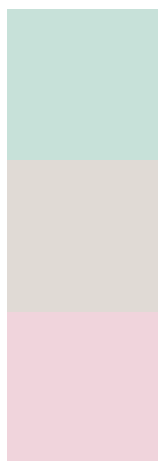


This preview shows how white text looks on a background with the XYZ color 63.0028, 71.0023,

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

63.0028, 71.0023, 76.0299

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

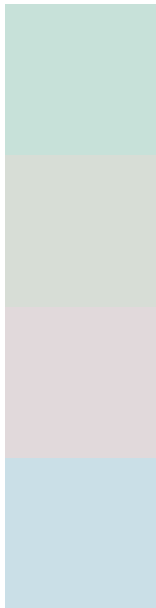
72.3969, 70.7795, 77.5562



Tritanopia

66.3299, 71.1711, 91.9028

Trichromacy



Original Color

63.0028, 71.0023, 76.0299

Protanomaly

66.0184, 71.0150, 73.8461

Deuteranomaly

68.6504, 70.7477, 77.0552

Tritanomaly

65.1686, 71.1014, 85.8905

Monochromacy



Original Color

63.0028, 71.0023, 76.0299

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3045, 69.3225, 74.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0028, 71.0023, 76.0299 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, 225, 217)` looks like.

```
.text, #text, p{  
    color:rgb(199, 225, 217)  
}
```

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, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.0028, 71.0023, 76.0299 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, 225, 217) }
```


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

```
.border{ border-color:rgb(199, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 225, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 225, 217); box-shadow:4px 4px 4px 4px rgb(199, 225, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0028, 71.0023, 76.0299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 225, 217) }
```

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

```
.background{ background-color: rgb(199,  
225, 217) }
```

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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