

Converting Colors

XYZ(63.6427, 71.4260, 75.8181)

Have a look what the booklet for
XYZ(63.6427, 71.4260, 75.8181)
contains.

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Color

**XYZ(63.5370, 71.2777,
76.0549)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E1D9
RGB	201, 225, 217
RGB Percent	79%, 88%, 85%
CMY	0.2118, 0.1176, 0.1490
CMYK	0.11, 0.00, 0.04, 0.12
HSL	160°, 29%, 84%
HSV	160°, 11%, 88%
XYZ	63.5370, 71.2777, 76.0549
YIQ	216.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

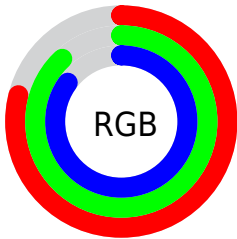
Format	Color
R _Y B	201, 215, 225
Decimal	13230553
CIE Lab	87.62, -9.45, 1.20
CIE LCh	88, 9.527, 172.759
Yxy	71.2777, 0.3013, 0.3380
Android (android.graphics.Color)	4291420633 (0xFFC9E1D9)
YUV	216.9120, 0.0434, -13.9548
Hunter-Lab	84.4261, -13.4111, 5.6871

Details

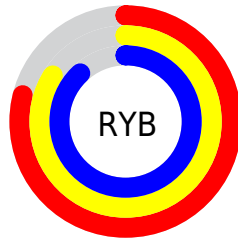
The XYZ color **63.5370, 71.2777, 76.0549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4492, 62.3861, 69.0224**, and the grayscale version is **65.9002, 69.3321, 75.5027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9289, 37.5611, 39.6969** is the 20% darker color. If you saturate the color by 10%, you get **56.9725, 68.0057, 70.7700**, and if you desaturate by 10%, it is **71.0360, 75.0302, 81.6181**.

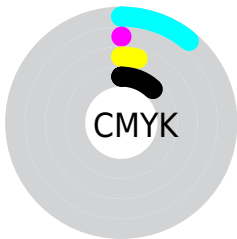
Distribution



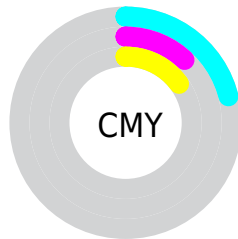
- Red (79%)
- Green (88%)
- Blue (85%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5370, 71.2777, 76.0549 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 63.5370, 71.2777, 76.0549 by changing the saturation by 10% instead.

■ 63.5370, 71.2777,
76.0549

■ 63.5370, 71.2777,
76.0549

427.1445,
465.0236, 500.8874

■ 46.5361, 52.5689,
55.9706

109.0213,
121.0291, 129.5653

■ 32.8754, 37.4587,
39.7755

138.2354,
152.8403, 163.8285

■ 22.1898, 25.5628,
27.0511

172.2513,
189.7879, 203.6551

■ 14.1138, 16.4969,
17.3788

211.4343,
232.2561, 249.4635

■ 8.2821, 9.8764,
10.3401

256.1497,
280.6294, 301.6725

■ 4.3293, 5.3171,
5.5165

306.7630,

■ 1.8901, 2.4345,

335.2922, 360.7004

2.4894

363.6395,
396.6288, 426.9659

■ 0.5711, 0.8436,
0.8345

■ 0.0000, 0.0000,
0.0000

■ 63.5370, 71.2777,
76.0549

■ 63.5370, 71.2777,
76.0549

■ 56.9725, 68.0057,
70.7700

■ 71.0360, 75.0302,
81.6181

■ 51.2973, 65.1852,
65.7537


■ 79.4999, 79.2730,
87.4596


■ 46.4719, 62.7978,
61.0028


■ 83.8218, 81.3752,
93.3448


■ 42.4509, 60.8202,
56.5117

■ 84.9567, 81.8292,
99.3212


 39.1849, 59.2268,
52.2751


 86.1382, 82.3018,
105.5430

 36.6185, 57.9894,
48.2869

 86.2166, 82.3331,
105.9555

 34.6887, 57.0755,
44.5409

 33.3202, 56.4463,
41.0301

 32.4302, 56.0546,
37.9572

Harmonies

Analogous

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



64.3543, 71.2777, 70.3355



63.5370, 71.2777, 76.0549



63.8277, 71.2777, 82.5122

Triad

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



63.5370, 71.2777, 76.0549



69.4383, 71.2777, 89.6307



70.4049, 71.2777, 68.1387

Complementary

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



63.5370, 71.2777, 76.0549



63.4492, 62.3861, 69.0224

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.



71.8242, 71.2777, 72.9045



63.5370, 71.2777, 76.0549



71.2575, 71.2777, 85.3680

Square

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



63.5370, 71.2777, 76.0549



67.2024, 71.2777, 90.5892



72.1396, 71.2777, 79.1847



68.2952, 71.2777, 65.9326

Rectangle

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



63.5370, 71.2777, 76.0549



64.6139, 71.2777, 86.3475



72.1396, 71.2777, 79.1847



70.9804, 71.2777, 69.4815

Sweetspot

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



63.5390, 71.2807, 76.0565



91.8833, 98.4146, 106.6224



63.8780, 71.6844, 65.7291



19.4899, 20.9762, 22.6925



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.



63.5390, 71.2807, 76.0565



82.1594, 93.5544, 99.2733



63.6425, 69.7810, 81.3525



13.9121, 15.4906, 16.5725



18.7431, 32.3221, 22.1682



1.3402, 2.2568, 1.7526

Inverse Universe

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



63.4492, 62.3861, 69.0224



82.0156, 79.3006, 88.0020



63.3320, 63.6980, 64.2164



13.8948, 13.7755, 15.2162



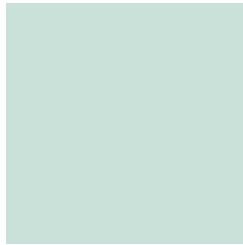
18.6740, 9.5366, 4.9489



1.3349, 0.6772, 0.5566

Previews

White Background



This preview shows how the XYZ color 63.5370, 71.2777, 76.0549 looks on a white background.

Color Contrast Check

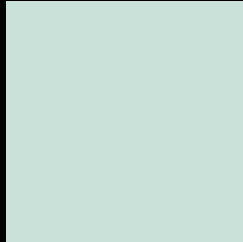
Large Text (above 18pt) WCAG AA × Fail

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 63.5370, 71.2777, 76.0549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

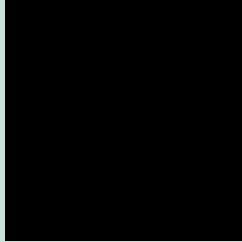
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

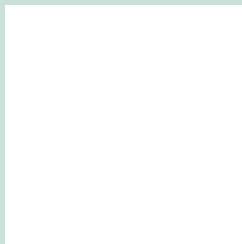
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5370, 71.2777, 76.0549

Background



This preview shows how black text looks on a background with the XYZ color 63.5370, 71.2777, 76.0549.

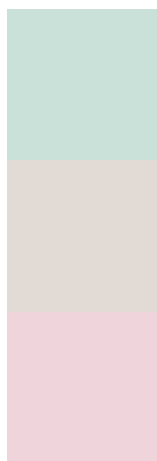


This preview shows how white text looks on a background with the XYZ color 63.5370, 71.2777,

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

63.5370, 71.2777, 76.0549

Protanopia

68.1330, 70.9545, 73.0554

Deuteranopia

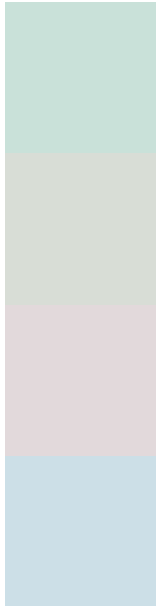
72.3969, 70.7795, 77.5562



Tritanopia

66.8781, 71.4537, 91.9284

Trichromacy



Original Color

63.5370, 71.2777, 76.0549

Protanomaly

66.3130, 71.1669, 73.8598

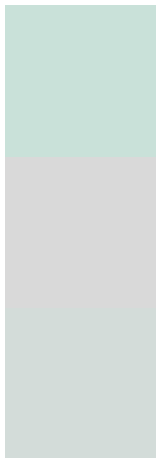
Deuteranomaly

68.9631, 70.9089, 77.0699

Tritanomaly

65.7133, 71.3822, 85.9160

Monochromacy



Original Color

63.5370, 71.2777, 76.0549

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.9816, 70.0450, 75.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5370, 71.2777, 76.0549 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.5370, 71.2777, 76.0549 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, 217) }
```


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

```
.border{ border-color:rgb(201, 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(201, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5370, 71.2777, 76.0549 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, 217) }
```

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

```
.background{ background-color: rgb(201,  
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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