

Converting Colors

XYZ(60.6276, 66.6512, 71.8311)

Have a look what the booklet for
XYZ(60.6276, 66.6512, 71.8311)
contains.

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Color

**XYZ(60.7839, 66.7967,
71.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D9D4
RGB	201, 217, 212
RGB Percent	79%, 85%, 83%
CMY	0.2118, 0.1490, 0.1686
CMYK	0.07, 0.00, 0.02, 0.15
HSL	161°, 17%, 82%
HSV	161°, 7%, 85%
XYZ	60.7839, 66.7967, 71.9767
YIQ	211.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

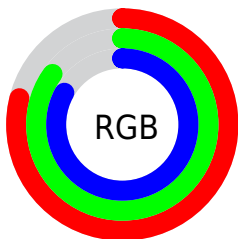
Format	Color
R _Y B	201, 210, 217
Decimal	13228500
CIE Lab	85.40, -6.30, 0.61
CIE LCh	85, 6.325, 174.503
Yxy	66.7967, 0.3046, 0.3347
Android (android.graphics.Color)	4291418580 (0xFFC9D9D4)
YUV	211.6460, 0.1745, -9.3365
Hunter-Lab	81.7292, -10.2717, 4.9954

Details

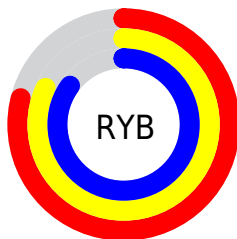
The XYZ color **60.7839, 66.7967, 71.9767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6449, 60.9830, 66.9703**, and the grayscale version is **62.3486, 65.5955, 71.4336**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0388, 34.4780, 36.9173** is the 20% darker color. If you saturate the color by 10%, you get **54.5198, 63.6661, 67.3102**, and if you desaturate by 10%, it is **67.9119, 70.3722, 76.8742**.

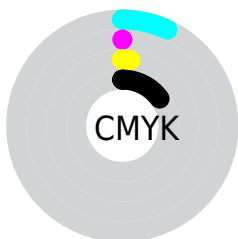
Distribution



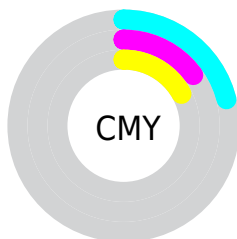
- Red (79%)
- Green (85%)
- Blue (83%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7839, 66.7967, 71.9767 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 60.7839, 66.7967, 71.9767 by changing the saturation by 10% instead.

■ 60.7839, 66.7967,
71.9767

■ 60.7839, 66.7967,
71.9767

417.2698,
449.2208, 486.4359

■ 44.3027, 48.9194,
52.6529

105.0659,
114.6291, 123.7308

■ 31.1075, 34.5556,
37.1399

133.5973,
145.3529, 156.9982

■ 20.8329, 23.3207,
25.0192

166.8762,
181.1278, 195.7506

■ 13.1137, 14.8305,
15.8722

205.2679,
222.3380, 240.4065

■ 7.5844, 8.7005,
9.2804

249.1377,
269.3681, 291.3844

■ 3.8798, 4.5464,
4.8252

298.8511,

■ 1.6343, 1.9836,

322.6023, 349.1029

2.0881

354.7733,
382.4250, 413.9806

■ 0.4146, 0.5979,
0.6087

■ 0.0000, 0.0000,
0.0000

■ 60.7839, 66.7967,
71.9767

■ 60.7839, 66.7967,
71.9767

■ 54.5198, 63.6661,
67.3102

■ 67.9119, 70.3722,
76.8742

■ 49.0792, 60.9541,
62.8663

■ 75.9308, 74.4009,
82.0020

■ 44.4266, 58.6443,
58.6425

■ 80.6702, 76.7347,
87.1685

■ 40.5220, 56.7161,
54.6345

■ 81.6549, 77.1286,
92.3537

■ 37.3215, 55.1469,
50.8379

■ 82.6772, 77.5375,
97.7371

■ 34.7766, 53.9117,
47.2479

■ 83.7375, 77.9616,
103.3208

■ 32.8324, 52.9824,
43.8594

■ 84.1041, 78.1083,
105.2514

■ 31.4245, 52.3259,
40.6669

■ 30.4664, 51.8974,
37.6637

Harmonies

Analogous

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



61.2705, 66.7967, 68.2421



60.7839, 66.7967, 71.9767



61.0130, 66.7967, 76.0536

Triad

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



60.7839, 66.7967, 71.9767



64.6383, 66.7967, 80.1524



65.1023, 66.7967, 66.4908

Complementary

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



60.7839, 66.7967, 71.9767



60.6449, 60.9830, 66.9703

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.



66.0296, 66.7967, 69.5051



60.7839, 66.7967, 71.9767



65.7589, 66.7967, 77.4109

Square

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



60.7839, 66.7967, 71.9767



63.2246, 66.7967, 80.8744



66.2717, 66.7967, 73.4890



63.7527, 66.7967, 65.1521

Rectangle

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



60.7839, 66.7967, 71.9767



61.5426, 66.7967, 78.4051



66.2717, 66.7967, 73.4890



65.4745, 66.7967, 67.3361

Sweetspot

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



60.7858, 66.7995, 71.9782



92.9428, 98.9432, 107.4669



60.8298, 66.9771, 64.9811



19.9157, 21.1890, 23.0175



0.0000, 0.0000, 0.0000



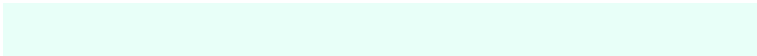
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7858, 66.7995, 71.9782



85.9710, 95.4506, 102.5570



60.6774, 65.5568, 75.1047



13.2625, 14.7566, 15.8455



18.3614, 31.3772, 22.6001



1.2277, 2.0480, 1.6652

Inverse Universe

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



60.6449, 60.9830, 66.9703



85.7240, 85.2467, 93.7721



60.7371, 62.1247, 64.0494



13.2229, 13.1183, 14.4350



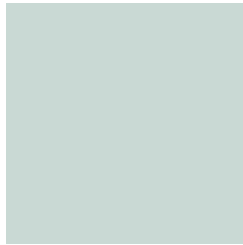
17.9931, 9.1983, 4.3435



1.2039, 0.6112, 0.4826

Previews

White Background



This preview shows how the XYZ color 60.7839, 66.7967, 71.9767 looks on a white background.

Color Contrast Check

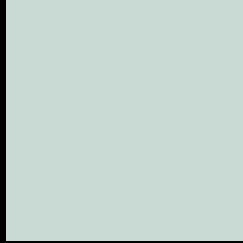
Large Text (above 18pt) WCAG AA × Fail

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 60.7839, 66.7967, 71.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

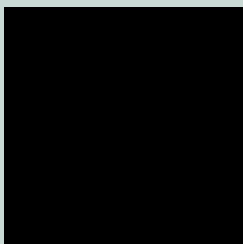
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

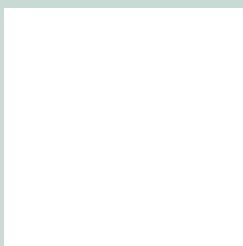
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7839, 66.7967, 71.9767

Background



This preview shows how black text looks on a background with the XYZ color 60.7839, 66.7967, 71.9767.



This preview shows how white text looks on a background with the XYZ color 60.7839, 66.7967,

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

60.7839, 66.7967, 71.9767

Protanopia

63.9655, 66.5958, 69.8045

Deuteranopia

67.8132, 66.3213, 72.8455



Tritanopia

63.3722, 66.7000, 85.1356

Trichromacy



Original Color

60.7839, 66.7967, 71.9767

Protanomaly

62.8308, 66.7433, 70.5440

Deuteranomaly

64.8756, 66.2694, 72.3228

Tritanomaly

62.3836, 66.6792, 80.1034

Monochromacy



Original Color

60.7839, 66.7967, 71.9767

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9427, 66.2565, 71.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7839, 66.7967, 71.9767 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, 217, 212) looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 212)  
}
```

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, 217, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.7839, 66.7967, 71.9767 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, 217, 212) }
```


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

```
.border{ border-color:rgb(201, 217, 212) }
```

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

Here you see how a box with a 4 pixel rgb(201, 217, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7839, 66.7967, 71.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 212) }
```

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

```
.background{ background-color: rgb(201,  
217, 212) }
```

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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