

Converting Colors

XYZ(60.9834, 60.7116, 71.4551)

Have a look what the booklet for
XYZ(60.9834, 60.7116, 71.4551)
contains.

XYZ(60.9834, 60.7116, 71.4551)	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(60.9834, 60.7116,
71.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C8D5
RGB	216, 200, 213
RGB Percent	85%, 78%, 84%
CMY	0.1529, 0.2157, 0.1647
CMYK	0.00, 0.07, 0.01, 0.15
HSL	311°, 17%, 82%
HSV	311°, 7%, 85%
XYZ	60.9834, 60.7116, 71.4551
YIQ	206.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

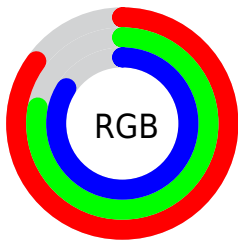
Format	Color
R _Y B	216, 200, 213
Decimal	14207189
CIE Lab	82.22, 7.87, -4.45
CIE LCh	82, 9.043, 330.514
Yxy	60.7116, 0.3157, 0.3143
Android (android.graphics.Color)	4292397269 (0xFFD8C8D5)
YUV	206.2660, 3.3199, 8.5367
Hunter-Lab	77.9176, 3.3498, 0.1699

Details

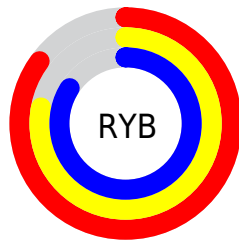
The XYZ color **60.9834, 60.7116, 71.4551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1571, 65.7045, 66.0674**, and the grayscale version is **58.8151, 61.8780, 67.3852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1484, 30.6035, 36.6131** is the 20% darker color. If you saturate the color by 10%, you get **55.8229, 51.2023, 67.2302**, and if you desaturate by 10%, it is **66.8670, 71.6447, 75.9858**.

Distribution



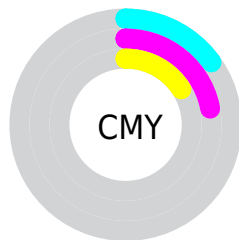
- Red (85%)
- Green (78%)
- Blue (84%)



- Red (85%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9834, 60.7116, 71.4551 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 60.9834, 60.7116, 71.4551 by changing the saturation by 10% instead.

60.9834, 60.7116,
71.4551

60.9834, 60.7116,
71.4551

417.9900,
427.2158, 484.5692

44.4643, 43.9925,
52.2296

105.3532,
105.8612, 122.9820

31.2351, 30.6646,
36.8046

133.9345,
135.0605, 156.1205

20.9307, 20.3436,
24.7616

167.2672,
169.1887, 194.7336

13.1855, 12.6450,
15.6821

205.7168,
208.6300, 239.2401

7.6343, 7.1846,
9.1476

249.6485,
253.7690, 290.0583

3.9117, 3.5778,
4.7395

299.4277,

1.6523, 1.4403,

304.9901, 347.6069

2.0392

355.4197,
362.6775, 412.3044

■ 0.4261, 0.2462,
0.5792

■ 0.0000, 0.0000,
0.0000

■ 60.9834, 60.7116,
71.4551

■ 60.9834, 60.7116,
71.4551

■ 55.8229, 51.2023,
67.2302

■ 66.8670, 71.6447,
75.9858

■ 51.3506, 43.0500,
63.2970

■ 73.4963, 84.0493,
80.8282

■ 47.5366, 36.1942,
59.6457

■ 77.6909, 91.5638,
84.9233

■ 44.3469, 30.5667,
56.2644

■ 78.2508, 91.7877,
87.8715

41.7442, 26.0932,
53.1404

78.8239, 92.0170,
90.8892

39.6871, 22.6911,
50.2592

79.4102, 92.2515,
93.9770

38.1289, 20.2672,
47.6049

80.0100, 92.4914,
97.1352

37.0148, 18.7119,
45.1588

80.6232, 92.7367,
100.3644

36.2704, 17.8769,
42.8954

81.2500, 92.9874,
103.6649

Harmonies

Analogous

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



59.6024, 60.7116, 75.6537



60.9834, 60.7116, 71.4551



61.4815, 60.7116, 66.0097

Triad

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



60.9834, 60.7116, 71.4551



57.6714, 60.7116, 56.0709



54.5773, 60.7116, 71.6285

Complementary

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



60.9834, 60.7116, 71.4551



59.1571, 65.7045, 66.0674

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.



54.0856, 60.7116, 66.1996



60.9834, 60.7116, 71.4551



55.8474, 60.7116, 57.3949

Square

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



60.9834, 60.7116, 71.4551



59.5437, 60.7116, 57.3085



54.5454, 60.7116, 61.0281



55.9036, 60.7116, 75.7576

Rectangle

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



60.9834, 60.7116, 71.4551



61.2374, 60.7116, 62.4627



54.5454, 60.7116, 61.0281



54.3103, 60.7116, 69.8854

Sweetspot

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



60.9851, 60.7142, 71.4564



93.2909, 96.7276, 107.5558



57.6620, 58.9567, 73.3072



19.9865, 20.7380, 23.0355



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.



60.9851, 60.7142, 71.4564



87.4754, 85.9472, 102.9947



60.0027, 60.3213, 66.2830



12.8485, 12.5909, 15.1423



21.4081, 10.4996, 25.2511



1.3177, 0.6438, 1.6621

Inverse Universe

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



60.9851, 60.7142, 71.4564



87.4754, 85.9472, 102.9947



60.1268, 66.0924, 71.1739



12.8485, 12.5909, 15.1423



21.4081, 10.4996, 25.2511



1.3177, 0.6438, 1.6621

Previews

White Background



This preview shows how the XYZ color 60.9834, 60.7116, 71.4551 looks on a white background.

Color Contrast Check

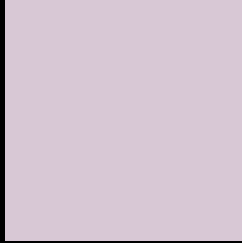
Large Text (above 18pt) WCAG AA × Fail

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 60.9834, 60.7116, 71.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

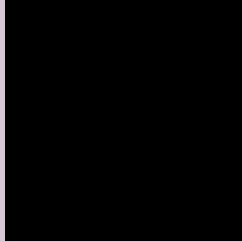
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9834, 60.7116, 71.4551

Background



This preview shows how black text looks on a background with the XYZ color 60.9834, 60.7116, 71.4551.



This preview shows how white text looks on a background with the XYZ color 60.9834, 60.7116,

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

60.9834, 60.7116, 71.4551

Protanopia

58.7985, 60.5973, 72.8874

Deuteranopia

61.7195, 60.4079, 71.3577



Tritanopia

61.2389, 60.8138, 72.8006

Trichromacy



Original Color

60.9834, 60.7116, 71.4551

Protanomaly

59.5526, 60.6514, 72.1865

Deuteranomaly

61.6471, 60.7110, 71.4200

Tritanomaly

61.1108, 60.7625, 72.1258

Monochromacy



Original Color

60.9834, 60.7116, 71.4551

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6798, 61.4908, 69.0451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9834, 60.7116, 71.4551 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(216, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 200, 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(216, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 200, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.9834, 60.7116, 71.4551 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(216, 200, 213) }
```


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

```
.border{ border-color:rgb(216, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 200,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9834, 60.7116, 71.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 200, 213) }
```

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

```
.background{ background-color: rgb(216,  
200, 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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