

Converting Colors

XYZ(62.7980, 68.8051, 68.4539)

Have a look what the booklet for
XYZ(62.7980, 68.8051, 68.4539)
contains.

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Color

**XYZ(62.7666, 68.6746,
68.3399)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBCE
RGB	209, 219, 206
RGB Percent	82%, 86%, 81%
CMY	0.1804, 0.1412, 0.1922
CMYK	0.05, 0.00, 0.06, 0.14
HSL	106°, 15%, 83%
HSV	106°, 6%, 86%
XYZ	62.7666, 68.6746, 68.3399
YIQ	214.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

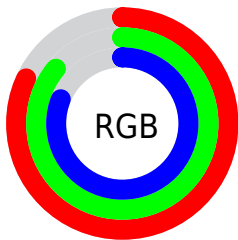
Format	Color
R _Y B	206, 219, 216
Decimal	13753294
CIE Lab	86.34, -5.72, 5.21
CIE LCh	86, 7.740, 137.650
Yxy	68.6746, 0.3142, 0.3437
Android (android.graphics.Color)	4291943374 (0xFFD1DBCE)
YUV	214.5280, -4.2043, -4.8481
Hunter-Lab	82.8701, -9.8252, 9.1149

Details

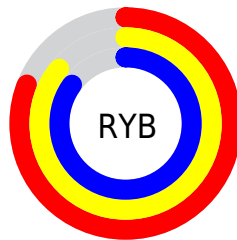
The XYZ color **62.7666, 68.6746, 68.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1791, 63.8579, 76.0173**, and the grayscale version is **64.3023, 67.6510, 73.6720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4605, 35.7865, 34.9024** is the 20% darker color. If you saturate the color by 10%, you get **55.7721, 65.3571, 55.0787**, and if you desaturate by 10%, it is **70.6398, 72.4062, 83.5803**.

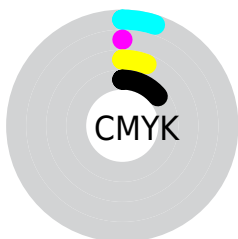
Distribution



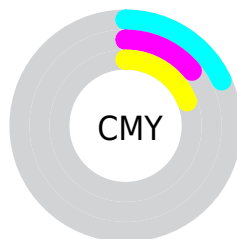
- Red (82%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7666, 68.6746, 68.3399 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 62.7666, 68.6746, 68.3399 by changing the saturation by 10% instead.

■ 62.7666, 68.6746,
68.3399

■ 62.7666, 68.6746,
68.3399

424.3951,
455.8825, 473.3301

■ 45.9104, 50.4467,
49.7059

107.9164,
117.3167, 118.4971

■ 32.3794, 35.7685,
34.8102

136.9407,
148.4997, 150.8573

■ 21.8084, 24.2555,
23.2343

170.7517,
184.7699, 188.6301

■ 13.8320, 15.5232,
14.5597

209.7148,
226.5117, 232.2338

■ 8.0848, 9.1874,
8.3678

254.1953,
274.1094, 282.0872

■ 4.2015, 4.8636,
4.2401

304.5586,

■ 1.8168, 2.1675,

327.9476, 338.6086

1.7579

361.1701,
388.4104, 402.2168

■ 0.5277, 0.7022,
0.4000

■ 0.0000, 0.0000,
0.0000

■ 62.7666, 68.6746,
68.3399

■ 62.7666, 68.6746,
68.3399

■ 55.7721, 65.3571,
55.0787

■ 70.6398, 72.4062,
83.5803

■ 49.6199, 62.4307,
43.7111

■ 79.4154, 76.5565,
100.8716

■ 44.2790, 59.8835,
34.1520

■ 84.6229, 79.1457,
105.4243

■ 39.7147, 57.6994,
26.3082

■ 35.8895, 55.8613,
20.0779

■ 32.7626, 54.3508,
15.3488

■ 30.2890, 53.1473,
11.9939

■ 28.4180, 52.2279,
9.8656

■ 27.0898, 51.5659,
8.7809

Harmonies

Analogous

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



64.2369, 68.6746, 65.7843



62.7666, 68.6746, 68.3399



61.9739, 68.6746, 72.6900

Triad

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



62.7666, 68.6746, 68.3399



64.5410, 68.6746, 84.8054



68.6024, 68.6746, 71.8308

Complementary

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



62.7666, 68.6746, 68.3399



63.1791, 63.8579, 76.0173

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.



68.6875, 68.6746, 76.8994



62.7666, 68.6746, 68.3399



66.3205, 68.6746, 84.5495

Square

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



62.7666, 68.6746, 68.3399



62.9857, 68.6746, 82.2857



67.8456, 68.6746, 81.6018



67.6153, 68.6746, 67.7357

Rectangle

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



62.7666, 68.6746, 68.3399



61.9266, 68.6746, 76.0926



67.8456, 68.6746, 81.6018



68.7381, 68.6746, 73.4726

Sweetspot

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



62.7685, 68.6776, 68.3414



92.8109, 98.9393, 104.5658



64.9042, 68.6141, 68.2166



19.8888, 21.1882, 22.4268



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.



62.7685, 68.6776, 68.3414



87.4351, 96.3911, 94.2327



62.3537, 68.4145, 70.5456



13.4635, 14.8914, 14.4453



15.8955, 30.4919, 5.0477



1.1057, 2.0146, 0.3306

Inverse Universe

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



63.1791, 63.8579, 76.0173



88.1189, 88.3627, 107.0191



63.6216, 64.1383, 73.6794



13.5763, 13.5666, 16.5552



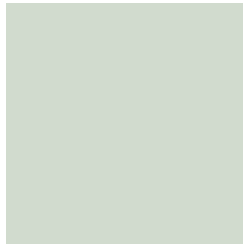
17.3178, 8.0518, 40.3798



1.1949, 0.5593, 2.6194

Previews

White Background



This preview shows how the XYZ color 62.7666, 68.6746, 68.3399 looks on a white background.

Color Contrast Check

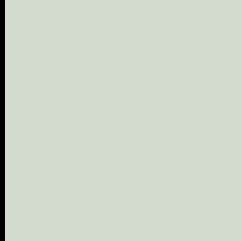
Large Text (above 18pt) WCAG AA × Fail

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 62.7666, 68.6746, 68.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

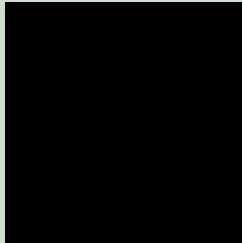
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

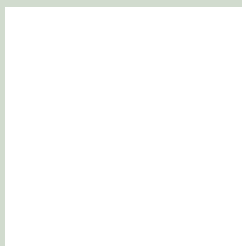
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7666, 68.6746, 68.3399

Background



This preview shows how black text looks on a background with the XYZ color 62.7666, 68.6746, 68.3399.

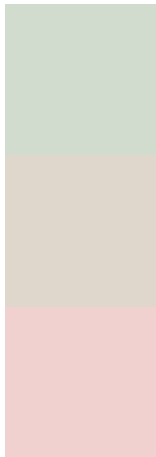


This preview shows how white text looks on a background with the XYZ color 62.7666, 68.6746,

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

62.7666, 68.6746, 68.3399

Protanopia

65.6309, 68.6485, 66.9181

Deuteranopia

70.1208, 68.6803, 69.2354



Tritanopia

66.3065, 68.5732, 86.0852

Trichromacy



Original Color

62.7666, 68.6746, 68.3399

Protanomaly

64.4888, 68.4249, 67.5660

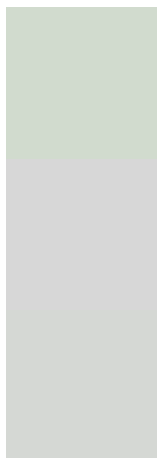
Deuteranomaly

67.3698, 68.7515, 68.7511

Tritanomaly

65.0265, 68.4365, 79.5943

Monochromacy



Original Color

62.7666, 68.6746, 68.3399

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.8801, 68.0113, 72.0480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7666, 68.6746, 68.3399 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(209, 219, 206) looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 206)  
}
```

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(209, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.7666, 68.6746, 68.3399 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(209, 219, 206) }
```


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

```
.border{ border-color:rgb(209, 219, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7666, 68.6746, 68.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 206) }
```

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

```
.background{ background-color: rgb(209,  
219, 206) }
```

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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