

Converting Colors

XYZ(62.7032, 66.7910, 71.0613)

Have a look what the booklet for
XYZ(62.7032, 66.7910, 71.0613)
contains.

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Color

**XYZ(62.6684, 66.6452,
71.1888)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D6D3
RGB	211, 214, 211
RGB Percent	83%, 84%, 83%
CMY	0.1725, 0.1608, 0.1725
CMYK	0.01, 0.00, 0.01, 0.16
HSL	120°, 4%, 83%
HSV	120°, 1%, 84%
XYZ	62.6684, 66.6452, 71.1888
YIQ	212.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

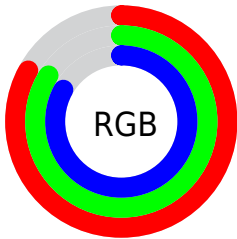
Format	Color
RYB	211, 214, 214
Decimal	13883091
CIELab	85.32, -1.56, 1.11
CIElCh	85, 1.915, 144.506
Yxy	66.6452, 0.3126, 0.3324
Android (android.graphics.Color)	4292073171 (0xFFD3D6D3)
YUV	212.7610, -0.8682, -1.5444
Hunter-Lab	81.6365, -5.8381, 5.4434

Details

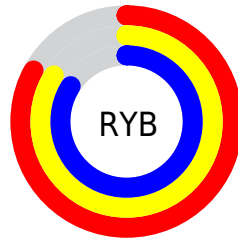
The XYZ color **62.6684, 66.6452, 71.1888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1659, 65.7414, 72.9819**, and the grayscale version is **63.0938, 66.3796, 72.2874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3886, 34.3987, 36.8308** is the 20% darker color. If you saturate the color by 10%, you get **54.4343, 62.6919, 57.7191**, and if you desaturate by 10%, it is **72.0797, 71.1679, 86.5807**.

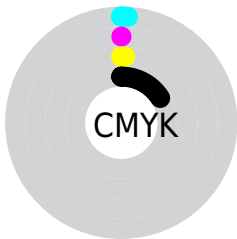
Distribution



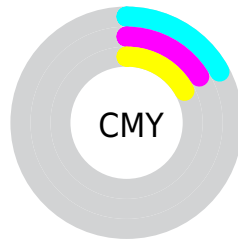
- Red (83%)
- Green (84%)
- Blue (83%)



- Red (83%)
- Yellow (84%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6684, 66.6452, 71.1888 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 62.6684, 66.6452, 71.1888 by changing the saturation by 10% instead.

■ 62.6684, 66.6452,
71.1888

■ 62.6684, 66.6452,
71.1888

424.0438,
448.6808, 483.6146

■ 45.8306, 48.7963,
52.0135

107.7755,
114.4119, 122.5995

■ 32.3163, 34.4580,
36.6335

136.7755,
145.0985, 155.6719

■ 21.7599, 23.2456,
24.6303

170.5603,
180.8331, 194.2139

■ 13.7962, 14.7750,
15.5853

209.4953,
222.0002, 238.6438

■ 8.0598, 8.6616,
9.0800

253.9458,
268.9841, 289.3803

■ 4.1854, 4.5211,
4.6959

304.2771,

■ 1.8075, 1.9691,

322.1693, 346.8419

2.0144

360.8547,
381.9400, 411.4472

■ 0.5222, 0.5895,
0.5641

■ 0.0000, 0.0000,
0.0000

■ 62.6684, 66.6452,
71.1888

■ 62.6684, 66.6452,
71.1888

■ 54.4343, 62.6919,
57.7191

■ 72.0797, 71.1679,
86.5807

■ 47.3258, 59.2773,
46.0920

■ 82.7061, 76.2723,
103.9616

■ 41.2956, 56.3807,
36.2287

■ 83.3379, 76.5758,
104.9960

■ 36.2912, 53.9768,
28.0431

■ 32.2555, 52.0383,
21.4420

■ 29.1259, 50.5350,
16.3228

■ 26.8324, 49.4333,
12.5712

■ 25.2948, 48.6947,
10.0560

■ 24.4173, 48.2732,
8.6205

Harmonies

Analogous

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



62.9993, 66.6452, 70.4159



62.6684, 66.6452, 71.1888



62.5186, 66.6452, 72.3371

Triad

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



62.6684, 66.6452, 71.1888



63.2645, 66.6452, 74.9662



64.1053, 66.6452, 71.5801

Complementary

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



62.6684, 66.6452, 71.1888



63.1659, 65.7414, 72.9819

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.



64.1771, 66.6452, 72.7940



62.6684, 66.6452, 71.1888



63.6904, 66.6452, 74.7580

Square

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



62.6684, 66.6452, 71.1888



62.8618, 66.6452, 74.5252



64.0250, 66.6452, 73.9594



63.8292, 66.6452, 70.6400

Rectangle

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



62.6684, 66.6452, 71.1888



62.5412, 66.6452, 73.1646



64.0250, 66.6452, 73.9594



64.1542, 66.6452, 71.9693

Sweetspot

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



62.6703, 66.6481, 71.1903

95.0500, 100.0000, 108.9000



63.5390, 67.0959, 71.2308



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



62.6703, 66.6481, 71.1903



92.3882, 98.7214, 104.5462



62.8595, 66.7237, 72.1866



13.6365, 14.5560, 15.4442



14.5346, 29.0692, 4.8451



0.8767, 1.7533, 0.2923

Inverse Universe

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



63.1659, 65.7414, 72.9819



93.4445, 96.7891, 108.3647



62.9749, 65.6650, 71.9762



13.7818, 14.2902, 15.9694



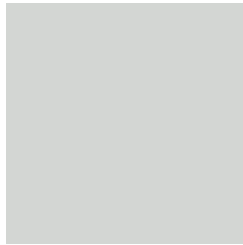
24.0976, 11.5754, 39.4136



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 62.6684, 66.6452, 71.1888 looks on a white background.

Color Contrast Check

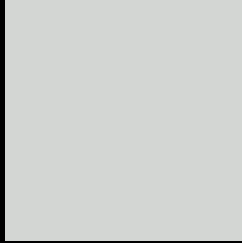
Large Text (above 18pt) WCAG AA × Fail

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 62.6684, 66.6452, 71.1888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

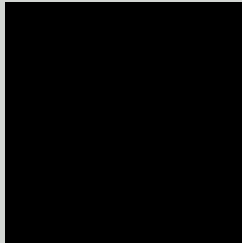
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

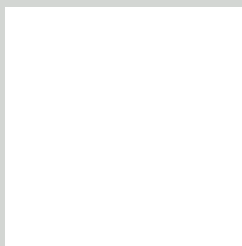
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6684, 66.6452, 71.1888

Background



This preview shows how black text looks on a background with the XYZ color 62.6684, 66.6452, 71.1888.

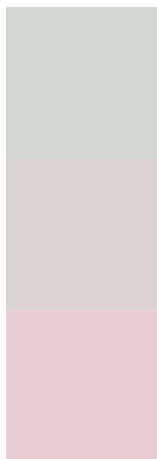


This preview shows how white text looks on a background with the XYZ color 62.6684, 66.6452,

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

62.6684, 66.6452, 71.1888

Protanopia

63.7916, 66.4918, 70.4448

Deuteranopia

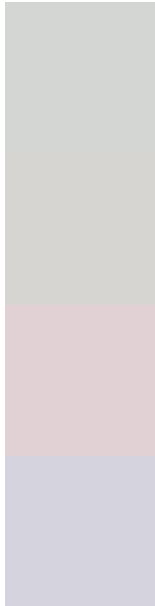
68.0132, 66.4391, 72.1901



Tritanopia

65.0294, 66.4861, 82.8045

Trichromacy



Original Color

62.6684, 66.6452, 71.1888

Protanomaly

63.4514, 66.6887, 70.5007

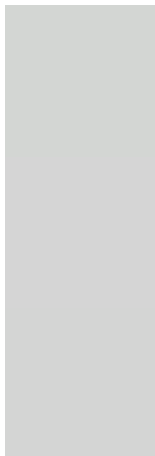
Deuteranomaly

66.0482, 66.5231, 71.6465

Tritanomaly

64.1689, 66.5070, 78.5623

Monochromacy



Original Color

62.6684, 66.6452, 71.1888

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8293, 66.3390, 71.7806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6684, 66.6452, 71.1888 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(211, 214, 211) looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 211)  
}
```

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(211, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.6684, 66.6452, 71.1888 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(211, 214, 211) }
```

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

```
.border{ border-color:rgb(211, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
211) }
```


Background

The CSS property to change the background color of an element to XYZ 62.6684, 66.6452, 71.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 211) }
```

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

```
.background{ background-color: rgb(211,  
214, 211) }
```

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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