

Converting Colors

XYZ(62.9094, 65.7818, 72.0938)

Have a look what the booklet for
XYZ(62.9094, 65.7818, 72.0938)
contains.

XYZ(62.7451, 65.5388, 72.2940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(62.7451, 65.5388,
72.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D3D5
RGB	213, 211, 213
RGB Percent	84%, 83%, 84%
CMY	0.1647, 0.1725, 0.1647
CMYK	0.00, 0.01, 0.00, 0.16
HSL	300°, 2%, 83%
HSV	300°, 1%, 84%
XYZ	62.7451, 65.5388, 72.2940
YIQ	211.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

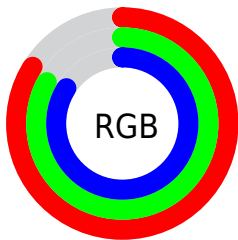
Format	Color
R _Y B	213, 211, 213
Decimal	14013397
CIE Lab	84.76, 1.05, -0.75
CIE LCh	85, 1.292, 324.285
Yxy	65.5388, 0.3128, 0.3267
Android (android.graphics.Color)	4292203477 (0xFFD5D3D5)
YUV	211.8260, 0.5788, 1.0296
Hunter-Lab	80.9560, -3.3264, 3.7231

Details

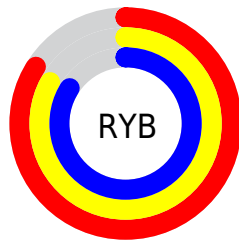
The XYZ color **62.7451, 65.5388, 72.2940** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4186, 66.1423, 71.1083**, and the grayscale version is **62.4614, 65.7143, 71.5628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3291, 33.8517, 37.1779** is the 20% darker color. If you saturate the color by 10%, you get **57.8010, 55.6498, 70.6468**, and if you desaturate by 10%, it is **68.3941, 76.8358, 74.1778**.

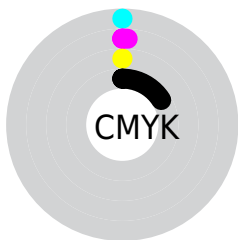
Distribution



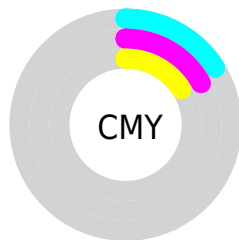
- Red (84%)
- Green (83%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7451, 65.5388, 72.2940 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 62.7451, 65.5388, 72.2940 by changing the saturation by 10% instead.

■ 62.7451, 65.5388,
72.2940

■ 62.7451, 65.5388,
72.2940

424.3182,
444.7257, 487.5693

■ 45.8929, 47.8981,
52.9106

107.8856,
112.8241, 124.1860

■ 32.3656, 33.7462,
37.3441

136.9045,
143.2376, 157.5317

■ 21.7978, 22.6987,
25.1762

170.7098,
178.6774, 196.3686

■ 13.8242, 14.3712,
15.9882

209.6668,
219.5279, 241.1151

■ 8.0794, 8.3793,
9.3615

254.1407,
266.1736, 292.1900

■ 4.1980, 4.3386,
4.8777

304.4970,

■ 1.8147, 1.8647,

318.9989, 350.0116

2.1182

361.1011,
378.3881, 414.9985

■ 0.5265, 0.5270,
0.6266

■ 0.0000, 0.0000,
0.0000

■ 62.7451, 65.5388,
72.2940

■ 62.7451, 65.5388,
72.2940

■ 57.8010, 55.6498,
70.6468

■ 68.3941, 76.8358,
74.1778

■ 53.5289, 47.1055,
69.2227

■ 74.7682, 89.5840,
76.3025

■ 49.9014, 39.8505,
68.0136

■ 75.2115, 90.4706,
76.4502

■ 46.8872, 33.8222,
67.0089

■ 75.2115, 90.4706,
76.4502

44.4525, 28.9529,
66.1973

75.2115, 90.4706,
76.4503

42.5602, 25.1683,
65.5665

75.2116, 90.4706,
76.4503

41.1687, 22.3853,
65.1027

75.2116, 90.4706,
76.4503

40.2305, 20.5090,
64.7900

75.2116, 90.4706,
76.4503

39.6892, 19.4265,
64.6096

75.2116, 90.4706,
76.4503

Harmonies

Analogous

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



62.5216, 65.5388, 72.8216



62.7451, 65.5388, 72.2940



62.8474, 65.5388, 71.5193

Triad

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



62.7451, 65.5388, 72.2940



62.3480, 65.5388, 69.7882



61.7873, 65.5388, 72.0174

Complementary

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



62.7451, 65.5388, 72.2940



62.4186, 66.1423, 71.1083

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.



61.7412, 65.5388, 71.2022



62.7451, 65.5388, 72.2940



62.0643, 65.5388, 69.9193

Square

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



62.7451, 65.5388, 72.2940



62.6177, 65.5388, 70.0758



61.8424, 65.5388, 70.4353



61.9687, 65.5388, 72.6611

Rectangle

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



62.7451, 65.5388, 72.2940



62.8329, 65.5388, 70.9685



61.8424, 65.5388, 70.4353



61.7555, 65.5388, 71.7542

Sweetspot

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



62.7470, 65.5416, 72.2954

95.0500, 100.0000, 108.9000



62.1797, 65.2615, 72.2712



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.



62.7470, 65.5416, 72.2954



94.2419, 98.3838, 108.6306



62.6248, 65.4928, 71.6522



13.8916, 14.5097, 16.0060



24.0982, 11.5756, 39.4173



1.4535, 0.6982, 2.3775

Inverse Universe

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



62.4951, 65.4409, 70.9689



93.8340, 98.2206, 106.4827



62.5399, 66.1908, 71.7474



13.8355, 14.4873, 15.7107



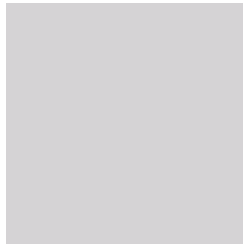
16.7619, 8.6411, 0.7845



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 62.7451, 65.5388, 72.2940 looks on a white background.

Color Contrast Check

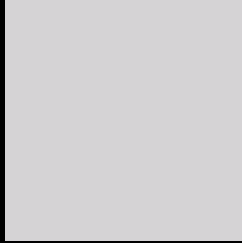
Large Text (above 18pt) WCAG AA × Fail

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 62.7451, 65.5388, 72.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

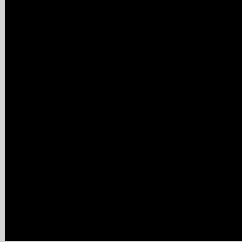
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

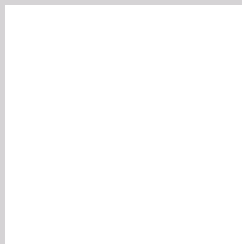
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7451, 65.5388, 72.2940

Background



This preview shows how black text looks on a background with the XYZ color 62.7451, 65.5388, 72.2940.

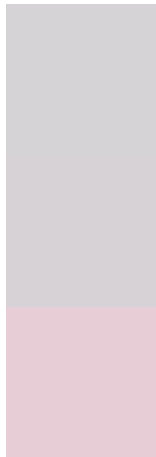


This preview shows how white text looks on a background with the XYZ color 62.7451, 65.5388,

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

62.7451, 65.5388, 72.2940

Protanopia

63.0812, 65.3444, 72.2388

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

64.5523, 65.5390, 81.1995

Trichromacy



Original Color

62.7451, 65.5388, 72.2940

Protanomaly

62.7884, 65.1934, 72.2251

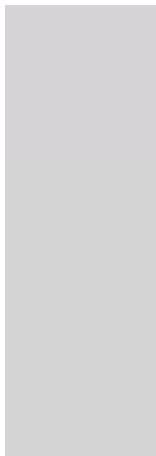
Deuteranomaly

65.1909, 65.3280, 72.7920

Tritanomaly

63.8293, 65.6098, 77.7064

Monochromacy



Original Color

62.7451, 65.5388, 72.2940

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5785, 65.8375, 71.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7451, 65.5388, 72.2940 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(213, 211, 213) looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 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(213, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.7451, 65.5388, 72.2940 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(213, 211, 213) }
```

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

```
.border{ border-color:rgb(213, 211, 213) }
```

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

Here you see how a box with a 4 pixel rgb(213, 211, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
213) }
```


Background

The CSS property to change the background color of an element to XYZ 62.7451, 65.5388, 72.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 213) }
```

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

```
.background{ background-color: rgb(213,  
211, 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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