

Converting Colors

XYZ(62.6248, 65.0944, 72.8821)

Have a look what the booklet for
XYZ(62.6248, 65.0944, 72.8821)
contains.

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Color

**XYZ(62.6248, 65.0944,
72.8821)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2D6
RGB	213, 210, 214
RGB Percent	84%, 82%, 84%
CMY	0.1647, 0.1765, 0.1608
CMYK	0.00, 0.02, 0.00, 0.16
HSL	285°, 5%, 83%
HSV	285°, 2%, 84%
XYZ	62.6248, 65.0944, 72.8821
YIQ	211.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

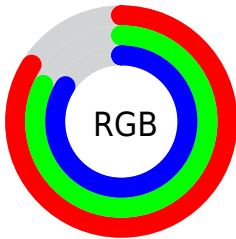
Format	Color
R _Y B	213, 210, 214
Decimal	14013142
CIE Lab	84.53, 1.75, -1.62
CIE LCh	85, 2.388, 317.289
Yxy	65.0944, 0.3122, 0.3245
Android (android.graphics.Color)	4292203222 (0xFFD5D2D6)
YUV	211.3530, 1.3050, 1.4444
Hunter-Lab	80.6811, -2.6399, 2.9180

Details

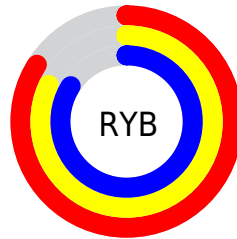
The XYZ color **62.6248, 65.0944, 72.8821** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5458, 66.5969, 70.5341**, and the grayscale version is **62.1433, 65.3796, 71.1983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2470, 33.5492, 37.5769** is the 20% darker color. If you saturate the color by 10%, you get **56.1638, 54.4394, 71.1670**, and if you desaturate by 10%, it is **69.8473, 77.1944, 74.8380**.

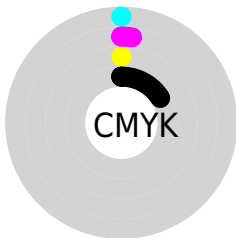
Distribution



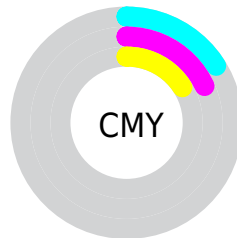
- Red (84%)
- Green (82%)
- Blue (84%)



- Red (84%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6248, 65.0944, 72.8821 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 62.6248, 65.0944, 72.8821 by changing the saturation by 10% instead.

■ 62.6248, 65.0944,
72.8821

■ 62.6248, 65.0944,
72.8821

423.8879,
443.1311, 489.6659

■ 45.7952, 47.5376,
53.3883

107.7129,
112.1856, 125.0292

■ 32.2882, 33.4609,
37.7230

136.7021,
142.4887, 158.5196

■ 21.7384, 22.4797,
25.4676

170.4753,
177.8095, 197.5126

■ 13.7803, 14.2098,
16.2036

209.3978,
218.5323, 242.4268

■ 8.0487, 8.2667,
9.5124

253.8350,
265.0414, 293.6807

■ 4.1782, 4.2661,
4.9756

304.1521,

■ 1.8034, 1.8235,

317.7214, 351.6928

2.1744

360.7146,
376.9565, 416.8817

■ 0.5197, 0.5018,
0.6596

■ 0.0000, 0.0000,
0.0000

■ 62.6248, 65.0944,
72.8821

■ 62.6248, 65.0944,
72.8821

■ 56.1638, 54.4394,
71.1670

■ 69.8473, 77.1944,
74.8380

■ 50.4304, 45.1651,
69.6790

■ 77.8525, 90.7839,
77.0391

■ 45.3963, 37.2147,
68.4098

■ 80.2316, 93.0438,
77.3499

■ 41.0292, 30.5242,
67.3486

■ 81.9673, 93.9386,
77.4311

37.2939, 25.0243,
66.4839

83.7563, 94.8608,
77.5148

34.1520, 20.6388,
65.8030

85.5988, 95.8107,
77.6011

31.5605, 17.2825,
65.2917

87.4954, 96.7884,
77.6898

29.4703, 14.8578,
64.9339

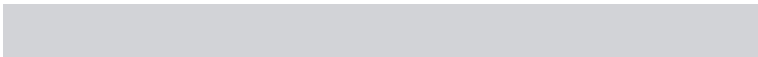
89.1378, 97.6351,
77.7667

27.8224, 13.2477,
64.7100

Harmonies

Analogous

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



62.1747, 65.0944, 73.7103



62.6248, 65.0944, 72.8821



62.8733, 65.0944, 71.5232

Triad

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



62.6248, 65.0944, 72.8821



62.0956, 65.0944, 68.0577



60.8989, 65.0944, 71.7508

Complementary

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



62.6248, 65.0944, 72.8821



62.5458, 66.5969, 70.5341

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.



60.8780, 65.0944, 70.2342



62.6248, 65.0944, 72.8821



61.5668, 65.0944, 68.1167

Square

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



62.6248, 65.0944, 72.8821



62.5666, 65.0944, 68.7463



61.1218, 65.0944, 68.9085



61.1792, 65.0944, 73.0508

Rectangle

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



62.6248, 65.0944, 72.8821



62.8903, 65.0944, 70.5058



61.1218, 65.0944, 68.9085



60.8614, 65.0944, 71.2490

Sweetspot

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



62.6267, 65.0972, 72.8835



94.0075, 98.2630, 108.6197



62.0294, 65.1812, 72.9312



20.1325, 21.0506, 23.2520



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.



62.6267, 65.0972, 72.8835



92.9766, 96.5479, 108.3429



62.7988, 65.1997, 72.2716



13.7175, 14.2571, 15.9664



16.2538, 7.5317, 39.0502



1.0539, 0.4922, 2.3588

Inverse Universe

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



62.5383, 65.0955, 70.8999



92.8349, 96.5452, 105.1545



62.3768, 66.4963, 71.1345



13.6980, 14.2567, 15.5280



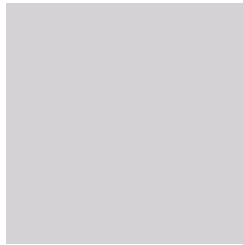
17.1934, 8.8137, 3.0563



1.0705, 0.5450, 0.3607

Previews

White Background



This preview shows how the XYZ color 62.6248, 65.0944, 72.8821 looks on a white background.

Color Contrast Check

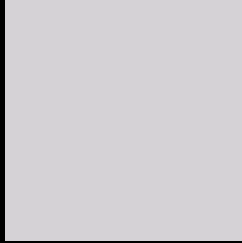
Large Text (above 18pt) WCAG AA × Fail

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 62.6248, 65.0944, 72.8821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

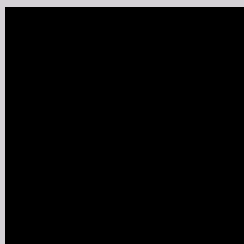
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

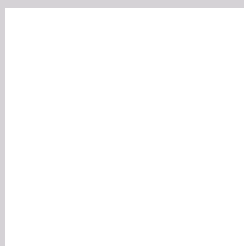
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6248, 65.0944, 72.8821

Background



This preview shows how black text looks on a background with the XYZ color 62.6248, 65.0944, 72.8821.

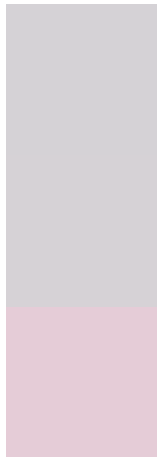


This preview shows how white text looks on a background with the XYZ color 62.6248, 65.0944,

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

62.6248, 65.0944, 72.8821

Protanopia

62.9157, 65.2444, 72.8957

Deuteranopia

66.1717, 64.7500, 73.3004



Tritanopia

64.1708, 64.9951, 80.3973

Trichromacy



Original Color

62.6248, 65.0944, 72.8821

Protanomaly

62.9157, 65.2444, 72.8957

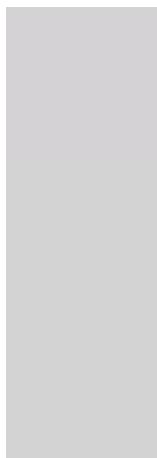
Deuteranomaly

64.7685, 64.7369, 73.3718

Tritanomaly

63.5832, 65.1175, 77.6244

Monochromacy



Original Color

62.6248, 65.0944, 72.8821

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3293, 65.3390, 71.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6248, 65.0944, 72.8821 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, 210, 214) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 214)  
}
```

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, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.6248, 65.0944, 72.8821 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, 210, 214) }
```


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

```
.border{ border-color:rgb(213, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6248, 65.0944, 72.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 214) }
```

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

```
.background{ background-color: rgb(213,  
210, 214) }
```

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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