

Converting Colors

XYZ(60.7929, 64.7320, 72.1571)

Have a look what the booklet for
XYZ(60.7929, 64.7320, 72.1571)
contains.

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Color

**XYZ(61.0073, 65.0129,
72.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	CED4D5
RGB	206, 212, 213
RGB Percent	81%, 83%, 84%
CMY	0.1922, 0.1686, 0.1647
CMYK	0.03, 0.00, 0.00, 0.16
HSL	189°, 8%, 82%
HSV	189°, 3%, 84%
XYZ	61.0073, 65.0129, 72.2841
YIQ	210.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

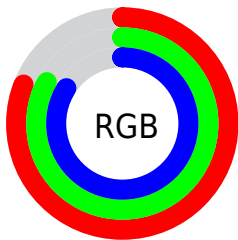
Format	Color
R_{YB}	206, 209, 213
Decimal	13554901
CIE Lab	84.49, -1.84, -1.21
CIE LCh	84, 2.206, 213.329
Yxy	65.0129, 0.3076, 0.3278
Android (android.graphics.Color)	4291744981 (0xFFCED4D5)
YUV	210.3200, 1.3212, -3.7886
Hunter-Lab	80.6306, -6.0455, 3.2888

Details

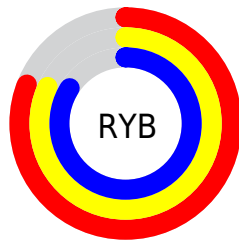
The XYZ color **61.0073, 65.0129, 72.2841** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8940, 63.2272, 67.3880**, and the grayscale version is **61.4638, 64.6647, 70.4198**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1774, 33.2580, 37.1240** is the 20% darker color. If you saturate the color by 10%, you get **54.7399, 60.6691, 71.7770**, and if you desaturate by 10%, it is **68.0940, 69.8039, 72.8363**.

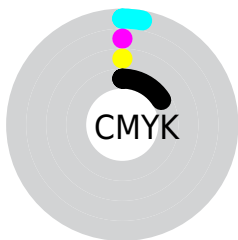
Distribution



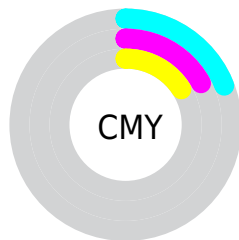
- Red (81%)
- Green (83%)
- Blue (84%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0073, 65.0129, 72.2841 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 61.0073, 65.0129, 72.2841 by changing the saturation by 10% instead.

■ 61.0073, 65.0129,
72.2841

■ 61.0073, 65.0129,
72.2841

418.0763,
442.8383, 487.5339

■ 44.4836, 47.4715,
52.9025

105.3876,
112.0684, 124.1718

■ 31.2504, 33.4086,
37.3378

133.9749,
142.3513, 157.5151

■ 20.9424, 22.4396,
25.1713

167.3141,
177.6503, 196.3493

■ 13.1941, 14.1803,
15.9845

205.7705,
218.3495, 241.0930

■ 7.6403, 8.2462,
9.3590

249.7096,
264.8336, 292.1648

■ 3.9155, 4.2529,
4.8761

299.4967,

■ 1.6544, 1.8160,

317.4868, 349.9832

2.1173

355.4971,
376.6936, 414.9667

■ 0.4275, 0.4971,
0.6260

■ 0.0000, 0.0000,
0.0000

■ 61.0073, 65.0129,
72.2841

■ 61.0073, 65.0129,
72.2841

■ 54.7399, 60.6691,
71.7770

■ 68.0940, 69.8039,
72.8363

■ 49.2541, 56.7474,
71.3091

■ 76.0248, 75.0494,
73.4308

■ 44.5176, 53.2329,
70.8804

■ 79.1335, 77.8304,
73.8037

■ 40.4936, 50.1065,
70.4891

■ 79.9418, 79.4469,
74.0732

■ 37.1420, 47.3474,
70.1331

■ 80.7646, 81.0925,
74.3474

■ 34.4190, 44.9329,
69.8106

■ 81.6020, 82.7674,
74.6266

■ 32.2753, 42.8374,
69.5191

■ 82.4541, 84.4716,
74.9106

■ 30.6539, 41.0316,
69.2560

■ 83.3210, 86.2053,
75.1996

■ 29.4862, 39.4798,
69.0181

■ 84.2027, 87.9686,
75.4935

Harmonies

Analogous

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



60.8550, 65.0129, 70.9451



61.0073, 65.0129, 72.2841



61.3700, 65.0129, 73.2319

Triad

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



61.0073, 65.0129, 72.2841



62.6403, 65.0129, 72.0087



61.7380, 65.0129, 68.1228

Complementary

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



61.0073, 65.0129, 72.2841



60.8940, 63.2272, 67.3880

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.



62.2176, 65.0129, 68.3991



61.0073, 65.0129, 72.2841



62.7402, 65.0129, 70.6311

Square

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



61.0073, 65.0129, 72.2841



62.3130, 65.0129, 73.0714



62.5850, 65.0129, 69.3127



61.2755, 65.0129, 68.5527

Rectangle

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



61.0073, 65.0129, 72.2841



61.6832, 65.0129, 73.5078



62.5850, 65.0129, 69.3127



61.9026, 65.0129, 68.1362

Sweetspot

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



61.0092, 65.0157, 72.2855



94.0024, 99.2882, 108.8178



60.5031, 65.2131, 68.3882



20.1314, 21.2593, 23.2924



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.



61.0092, 65.0157, 72.2855



90.9350, 97.1936, 108.5752



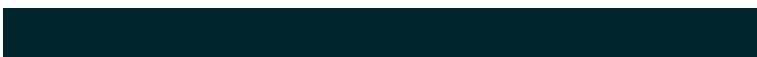
60.1590, 63.3154, 72.0022



13.2987, 14.2514, 15.9874



17.6973, 23.6563, 42.0865



1.1097, 1.5113, 2.5525

Inverse Universe

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



61.3969, 63.0433, 71.2233



91.6490, 93.5707, 106.6175



61.7358, 64.9108, 67.6686



13.4209, 13.6323, 15.6519



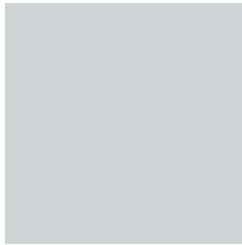
21.9916, 10.7330, 28.3236



1.3478, 0.6559, 1.8206

Previews

White Background



This preview shows how the XYZ color 61.0073, 65.0129, 72.2841 looks on a white background.

Color Contrast Check

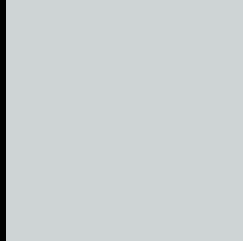
Large Text (above 18pt) WCAG AA × Fail

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 61.0073, 65.0129, 72.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

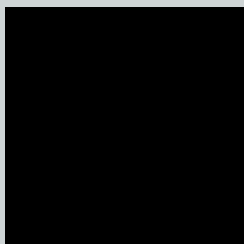
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

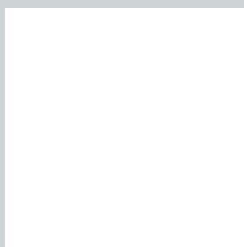
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0073, 65.0129, 72.2841

Background



This preview shows how black text looks on a background with the XYZ color 61.0073, 65.0129, 72.2841.

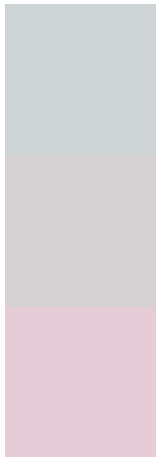


This preview shows how white text looks on a background with the XYZ color 61.0073, 65.0129,

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

61.0073, 65.0129, 72.2841

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

66.1717, 64.7500, 73.3004



Tritanopia

62.9241, 65.0491, 81.9123

Trichromacy



Original Color

61.0073, 65.0129, 72.2841

Protanomaly

62.0419, 65.1909, 71.6005

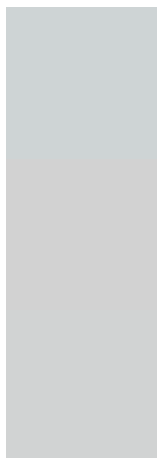
Deuteranomaly

64.2692, 64.8528, 72.7488

Tritanomaly

62.2112, 65.1279, 78.3993

Monochromacy



Original Color

61.0073, 65.0129, 72.2841

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3466, 64.8470, 70.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0073, 65.0129, 72.2841 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(206, 212, 213) looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 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(206, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.0073, 65.0129, 72.2841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

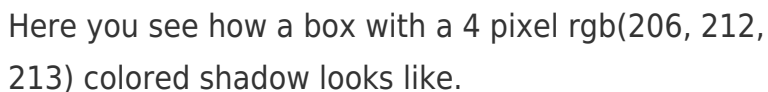
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 212, 213) }
```


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

```
.border{ border-color:rgb(206, 212, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0073, 65.0129, 72.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 213) }
```

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

```
.background{ background-color: rgb(206,  
212, 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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