

Converting Colors

XYZ(61.3169, 64.8025, 72.2272)

Have a look what the booklet for
XYZ(61.3169, 64.8025, 72.2272)
contains.

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Color

**XYZ(61.3169, 64.8025,
72.2272)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D3D5
RGB	208, 211, 213
RGB Percent	82%, 83%, 84%
CMY	0.1843, 0.1725, 0.1647
CMYK	0.02, 0.01, 0.00, 0.16
HSL	204°, 6%, 83%
HSV	204°, 2%, 84%
XYZ	61.3169, 64.8025, 72.2272
YIQ	210.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

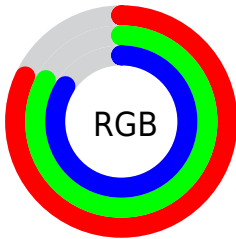
Format	Color
R_{YB}	208, 210, 213
Decimal	13685717
CIE Lab	84.38, -0.65, -1.35
CIE LCh	84, 1.500, 244.447
Yxy	64.8025, 0.3091, 0.3267
Android (android.graphics.Color)	4291875797 (0xFFD0D3D5)
YUV	210.3310, 1.3158, -2.0443
Hunter-Lab	80.5000, -4.9114, 3.1531

Details

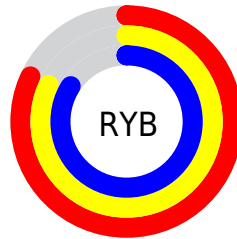
The XYZ color **61.3169, 64.8025, 72.2272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8724, 64.7927, 68.9206**, and the grayscale version is **61.4703, 64.6716, 70.4273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5550, 33.4526, 37.1416** is the 20% darker color. If you saturate the color by 10%, you get **53.6689, 57.8073, 71.2811**, and if you desaturate by 10%, it is **69.8846, 72.4414, 73.2511**.

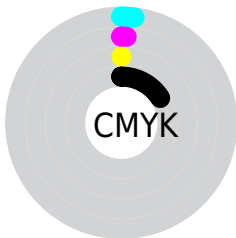
Distribution



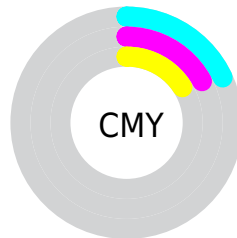
- Red (82%)
- Green (83%)
- Blue (84%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3169, 64.8025, 72.2272 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 61.3169, 64.8025, 72.2272 by changing the saturation by 10% instead.

■ 61.3169, 64.8025,
72.2272

■ 61.3169, 64.8025,
72.2272

419.1924,
442.0819, 487.3308

■ 44.7345, 47.3010,
52.8563

105.8332,
111.7659, 124.0902

■ 31.4487, 33.2736,
37.3011

134.4977,
141.9965, 157.4194

■ 21.0943, 22.3361,
25.1431

167.9204,
177.2389, 196.2385

■ 13.3058, 14.1041,
15.9637

206.4665,
217.8775, 240.9660

■ 7.7179, 8.1931,
9.3444

250.5013,
264.2967, 292.0204

■ 3.9653, 4.2188,
4.8666

300.3904,

■ 1.6825, 1.7967,

316.8809, 349.8204

2.1119

356.4989,
376.0145, 414.7843

■ 0.4453, 0.4851,
0.6228

■ 0.0000, 0.0000,
0.0000

■ 61.3169, 64.8025,
72.2272

■ 61.3169, 64.8025,
72.2272

■ 53.6689, 57.8073,
71.2811

■ 69.8846, 72.4414,
73.2511

■ 46.9017, 51.4278,
70.4064

■ 79.3983, 80.7347,
74.3504

■ 40.9812, 45.6457,
69.6023

■ 83.3959, 86.3552,
75.2246

■ 35.8694, 40.4386,
68.8667

■ 85.9106, 91.3844,
76.0628

■ 31.5248, 35.7824,
68.1970

■ 88.5435, 96.6502,
76.9404

■ 27.9020, 31.6510,
67.5905

■ 89.0104, 97.5842,
77.0961

■ 24.9504, 28.0154,
67.0443

■ 22.6121, 24.8428,
66.5551

■ 20.8179, 22.0943,
66.1192

Harmonies

Analogous

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



61.0660, 64.8025, 71.6018



61.3169, 64.8025, 72.2272



61.6425, 64.8025, 72.4040

Triad

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



61.3169, 64.8025, 72.2272



62.2338, 64.8025, 70.4167



61.2312, 64.8025, 69.0566

Complementary

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



61.3169, 64.8025, 72.2272



61.8724, 64.7927, 68.9206

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.



61.5432, 64.8025, 68.7454



61.3169, 64.8025, 72.2272



62.1227, 64.8025, 69.5262

Square

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



61.3169, 64.8025, 72.2272



62.1726, 64.8025, 71.3533



61.8696, 64.8025, 68.9165



61.0166, 64.8025, 69.7704

Rectangle

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



61.3169, 64.8025, 72.2272



61.8583, 64.8025, 72.2424



61.8696, 64.8025, 68.9165



61.3281, 64.8025, 68.9018

Sweetspot

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



61.3187, 64.8053, 72.2286



93.7941, 98.8716, 108.7484



61.4301, 65.6484, 70.3530



20.0890, 21.1745, 23.2782



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

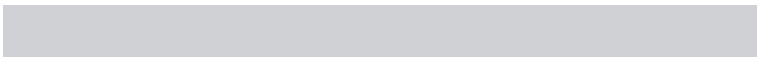
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3187, 64.8053, 72.2286



91.3246, 96.6443, 108.4486



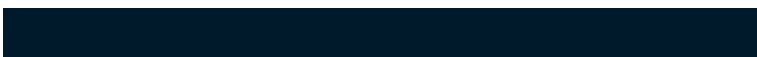
60.7220, 63.6117, 72.0297



13.3229, 14.1190, 15.9606



12.1499, 12.5616, 40.2374



0.8128, 0.9176, 2.4536

Inverse Universe

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



61.7557, 63.9622, 70.7223



92.1699, 95.0206, 105.5330



62.4745, 65.9968, 69.1213



13.4773, 13.8239, 15.4277



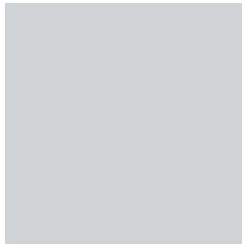
19.1916, 9.6129, 13.5787



1.1979, 0.5960, 1.0315

Previews

White Background



This preview shows how the XYZ color 61.3169, 64.8025, 72.2272 looks on a white background.

Color Contrast Check

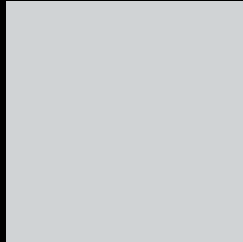
Large Text (above 18pt) WCAG AA × Fail

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 61.3169, 64.8025, 72.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

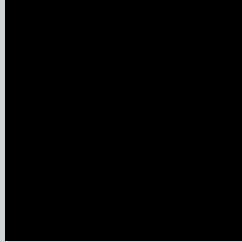
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

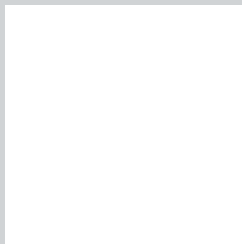
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3169, 64.8025, 72.2272

Background



This preview shows how black text looks on a background with the XYZ color 61.3169, 64.8025, 72.2272.

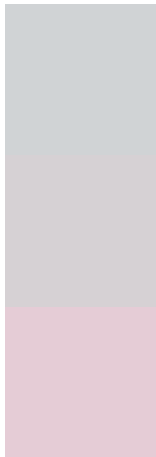


This preview shows how white text looks on a background with the XYZ color 61.3169, 64.8025,

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

61.3169, 64.8025, 72.2272

Protanopia

62.4157, 64.6505, 71.4765

Deuteranopia

66.0436, 64.6988, 72.6256



Tritanopia

63.1063, 64.7936, 81.1319

Trichromacy



Original Color

61.3169, 64.8025, 72.2272

Protanomaly

62.0816, 64.8437, 71.5314

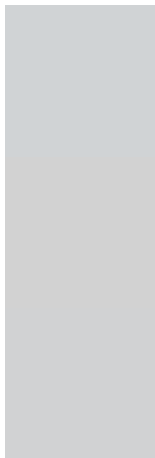
Deuteranomaly

64.2692, 64.8528, 72.7488

Tritanomaly

62.3922, 64.8690, 77.6391

Monochromacy



Original Color

61.3169, 64.8025, 72.2272

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0990, 64.3516, 70.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3169, 64.8025, 72.2272 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(208, 211, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.3169, 64.8025, 72.2272 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(208, 211, 213) }
```


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

```
.border{ border-color:rgb(208, 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(208, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3169, 64.8025, 72.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 213) }
```

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

```
.background{ background-color: rgb(208,  
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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