

Converting Colors

XYZ(61.7932, 65.6706, 72.1183)

Have a look what the booklet for
XYZ(61.7932, 65.6706, 72.1183)
contains.

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Color

**XYZ(61.8169, 65.8025,
72.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D5D5
RGB	208, 213, 213
RGB Percent	82%, 84%, 84%
CMY	0.1843, 0.1647, 0.1647
CMYK	0.02, 0.00, 0.00, 0.16
HSL	180°, 6%, 83%
HSV	180°, 2%, 84%
XYZ	61.8169, 65.8025, 72.3938
YIQ	211.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

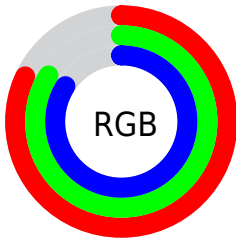
Format	Color
RYB	208, 211, 213
Decimal	13686229
CIELab	84.90, -1.69, -0.60
CIELCh	85, 1.794, 199.596
Yxy	65.8025, 0.3091, 0.3290
Android (android.graphics.Color)	4291876309 (0xFFD0D5D5)
YUV	211.5050, 0.7370, -3.0739
Hunter-Lab	81.1187, -5.9311, 3.8702

Details

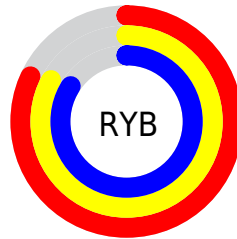
The XYZ color **61.8169, 65.8025, 72.3938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3840, 63.8137, 68.7597**, and the grayscale version is **62.2492, 65.4910, 71.3197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7248, 33.7924, 37.1983** is the 20% darker color. If you saturate the color by 10%, you get **56.2244, 62.9215, 72.1232**, and if you desaturate by 10%, it is **68.2174, 69.1037, 72.7049**.

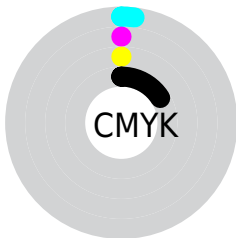
Distribution



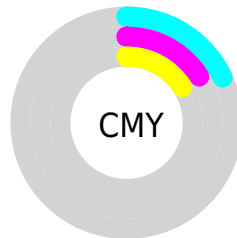
- Red (82%)
- Green (84%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8169, 65.8025, 72.3938 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 61.8169, 65.8025, 72.3938 by changing the saturation by 10% instead.

■ 61.8169, 65.8025,
72.3938

■ 61.8169, 65.8025,
72.3938

420.9911,
445.6702, 487.9255

■ 45.1398, 48.1121,
52.9916

106.5523,
113.2028, 124.3292

■ 31.7693, 33.9157,
37.4084

135.3413,
143.6815, 157.6994

■ 21.3400, 22.8288,
25.2256

168.8983,
179.1918, 196.5628

■ 13.4867, 14.4672,
16.0247

207.5887,
220.1180, 241.3379

■ 7.8438, 8.4463,
9.3871

251.7778,
266.8445, 292.4431

■ 4.0461, 4.3818,
4.8943

301.8310,

■ 1.7283, 1.8894,

319.7558, 350.2971

2.1277

358.1137,
379.2363, 415.3184

■ 0.4739, 0.5420,
0.6322

■ 0.0000, 0.0000,
0.0000

■ 61.8169, 65.8025,
72.3938

■ 61.8169, 65.8025,
72.3938

■ 56.2244, 62.9215,
72.1232

■ 68.2174, 69.1037,
72.7049

■ 51.4025, 60.4360,
71.8874

■ 75.4504, 72.8322,
73.0536

■ 47.3191, 58.3312,
71.6861

■ 77.0518, 73.6575,
73.1387

■ 43.9378, 56.5883,
71.5177

■ 77.0537, 73.6583,
73.1490

■ 41.2191, 55.1869,
71.3803

■ 77.0557, 73.6591,
73.1593

■ 39.1193, 54.1046,
71.2718

■ 77.0577, 73.6599,
73.1695

■ 37.5899, 53.3164,
71.1901

■ 77.0596, 73.6607,
73.1798

■ 36.5749, 52.7934,
71.1324

■ 77.0616, 73.6615,
73.1901

■ 36.0072, 52.5010,
71.0956

■ 77.0635, 73.6622,
73.2004

Harmonies

Analogous

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



61.7851, 65.8025, 71.2481



61.8169, 65.8025, 72.3938



62.0429, 65.8025, 73.3491

Triad

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



61.8169, 65.8025, 72.3938



63.1346, 65.8025, 73.0943



62.6832, 65.8025, 69.4894

Complementary

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



61.8169, 65.8025, 72.3938



61.3840, 63.8137, 68.7597

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.



63.0464, 65.8025, 69.9728



61.8169, 65.8025, 72.3938



63.3077, 65.8025, 72.0488

Square

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



61.8169, 65.8025, 72.3938



62.8033, 65.8025, 73.7566



63.2754, 65.8025, 70.9068



62.2841, 65.8025, 69.5795

Rectangle

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



61.8169, 65.8025, 72.3938



62.2738, 65.8025, 73.7457



63.2754, 65.8025, 70.9068



62.8136, 65.8025, 69.5900

Sweetspot

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



61.8188, 65.8053, 72.3952



94.1178, 99.5194, 108.8548



61.2171, 65.5674, 69.1047



20.1549, 21.3063, 23.2999



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.



61.8188, 65.8053, 72.3952



92.2904, 98.5775, 108.7662



61.2154, 64.5979, 72.1964



13.4995, 14.4725, 16.0186



21.8592, 31.9990, 43.4160



1.3186, 1.9301, 2.6193

Inverse Universe

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



61.3840, 63.8137, 68.7597



91.4513, 94.7332, 101.7489



61.9778, 65.0018, 68.9555



13.3465, 13.7716, 14.7391



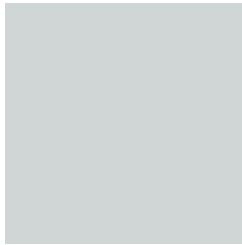
16.7626, 8.6414, 0.7880



1.0112, 0.5213, 0.0482

Previews

White Background



This preview shows how the XYZ color 61.8169, 65.8025, 72.3938 looks on a white background.

Color Contrast Check

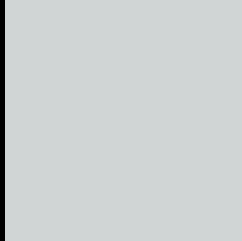
Large Text (above 18pt) WCAG AA × Fail

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 61.8169, 65.8025, 72.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

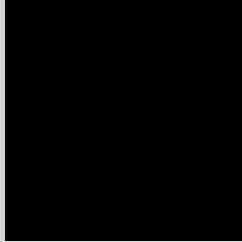
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

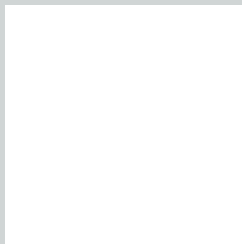
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8169, 65.8025, 72.3938

Background



This preview shows how black text looks on a background with the XYZ color 61.8169, 65.8025, 72.3938.

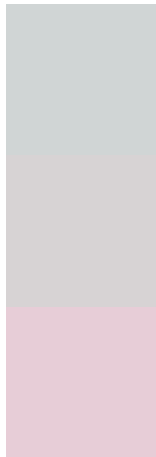


This preview shows how white text looks on a background with the XYZ color 61.8169, 65.8025,

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

61.8169, 65.8025, 72.3938

Protanopia

63.2023, 65.7891, 71.6548

Deuteranopia

67.0521, 65.5579, 73.4099



Tritanopia

63.7377, 65.8362, 82.0214

Trichromacy



Original Color

61.8169, 65.8025, 72.3938

Protanomaly

62.5785, 65.8375, 71.6970

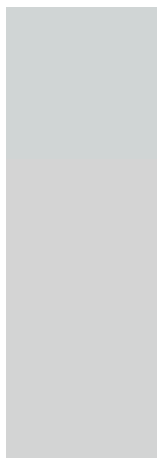
Deuteranomaly

65.1249, 65.6548, 72.8585

Tritanomaly

63.0228, 65.9162, 78.5087

Monochromacy



Original Color

61.8169, 65.8025, 72.3938

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2911, 65.6893, 71.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8169, 65.8025, 72.3938 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, 213, 213) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 61.8169, 65.8025, 72.3938 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, 213, 213) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 61.8169, 65.8025, 72.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(208,  
213, 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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