

Converting Colors

XYZ(63.1812, 66.6497, 72.7810)

Have a look what the booklet for
XYZ(63.1812, 66.6497, 72.7810)
contains.

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Color

**XYZ(62.9559, 66.3896,
72.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5D5
RGB	212, 213, 213
RGB Percent	83%, 84%, 84%
CMY	0.1686, 0.1647, 0.1647
CMYK	0.00, 0.00, 0.00, 0.16
HSL	180°, 1%, 83%
HSV	180°, 0%, 84%
XYZ	62.9559, 66.3896, 72.4471
YIQ	212.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

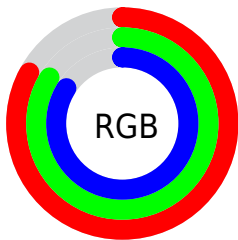
Format	Color
R _Y B	212, 213, 213
Decimal	13948373
CIE Lab	85.19, -0.34, -0.13
CIE LCh	85, 0.359, 201.000
Yxy	66.3896, 0.3120, 0.3290
Android (android.graphics.Color)	4292138453 (0xFFD4D5D5)
YUV	212.7010, 0.1474, -0.6148
Hunter-Lab	81.4798, -4.6705, 4.3187

Details

The XYZ color **62.9559, 66.3896, 72.4471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8702, 65.9884, 71.7142**, and the grayscale version is **63.0471, 66.3304, 72.2338**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3030, 34.0904, 37.2253** is the 20% darker color. If you saturate the color by 10%, you get **57.2073, 63.4291, 72.1305**, and if you desaturate by 10%, it is **69.5183, 69.7734, 72.8045**.

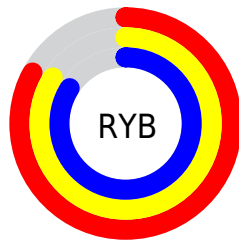
Distribution



Red (83%)

Green (84%)

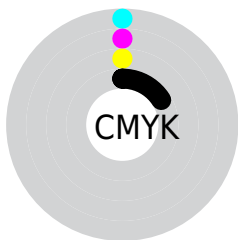
Blue (84%)



Red (83%)

Yellow (84%)

Blue (84%)

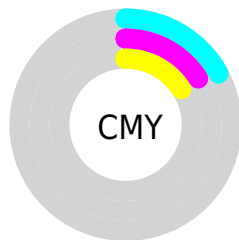


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (17%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9559, 66.3896, 72.4471 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 62.9559, 66.3896, 72.4471 by changing the saturation by 10% instead.

■ 62.9559, 66.3896,
72.4471

■ 62.9559, 66.3896,
72.4471

425.0716,
447.7689, 488.1156

■ 46.0640, 48.5887,
53.0349

108.1881,
114.0453, 124.4056

■ 32.5012, 34.2934,
37.4427

137.2591,
144.6690, 157.7890

■ 21.9020, 23.1191,
25.2520

171.1205,
180.3357, 196.6666

■ 13.9011, 14.6814,
16.0442

210.1377,
221.4299, 241.4568

■ 8.1332, 8.5961,
9.4007

254.6761,
268.3359, 292.5783

■ 4.2328, 4.4787,
4.9031

305.1010,

■ 1.8347, 1.9448,

321.4381, 350.4496

2.1328

361.7777,
381.1210, 415.4892

■ 0.5384, 0.5751,
0.6352

■ 0.0000, 0.0000,
0.0000

■ 62.9559, 66.3896,
72.4471

■ 62.9559, 66.3896,
72.4471

■ 57.2073, 63.4291,
72.1305

■ 69.5183, 69.7734,
72.8045

■ 52.2355, 60.8671,
71.8490

■ 76.9186, 73.5874,
73.1998

■ 48.0087, 58.6892,
71.6023

■ 77.0740, 73.6664,
73.2560

■ 44.4911, 56.8768,
71.3889

■ 77.0834, 73.6702,
73.3054

41.6436, 55.4100,
71.2068

77.0928, 73.6739,
73.3548

39.4237, 54.2667,
71.0542

77.1022, 73.6777,
73.4043

37.7838, 53.4224,
70.9287

77.1116, 73.6814,
73.4538

36.6696, 52.8490,
70.8278

77.1210, 73.6852,
73.5033

36.0163, 52.5133,
70.7485

77.1304, 73.6889,
73.5528

Harmonies

Analogous

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



62.9475, 66.3896, 72.2172



62.9559, 66.3896, 72.4471



63.0033, 66.3896, 72.6345

Triad

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



62.9559, 66.3896, 72.4471



63.2225, 66.3896, 72.5683



63.1257, 66.3896, 71.8469

Complementary

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



62.9559, 66.3896, 72.4471



62.8702, 65.9884, 71.7142

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.



63.1995, 66.3896, 71.9406



62.9559, 66.3896, 72.4471



63.2554, 66.3896, 72.3569

Square

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



62.9559, 66.3896, 72.4471



63.1572, 66.3896, 72.7046



63.2470, 66.3896, 72.1271



63.0455, 66.3896, 71.8710

Rectangle

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



62.9559, 66.3896, 72.4471



63.0506, 66.3896, 72.7099



63.2470, 66.3896, 72.1271



63.1521, 66.3896, 71.8657

Sweetspot

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



62.9578, 66.3924, 72.4485

95.0500, 100.0000, 108.9000



62.8361, 66.3443, 71.7824



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.



62.9578, 66.3924, 72.4485



94.1166, 99.5190, 108.8489



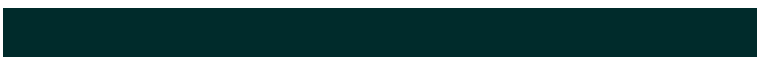
62.8364, 66.1490, 72.4103



13.8743, 14.6658, 16.0360



21.8147, 31.9812, 43.1816



1.3164, 1.9292, 2.6078

Inverse Universe

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



62.8702, 65.9884, 71.7142



93.8354, 98.2212, 106.4901



62.9912, 66.2310, 71.7524



13.8357, 14.4873, 15.7117



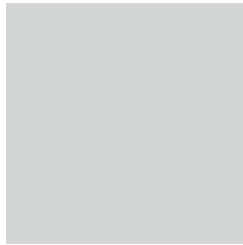
16.7652, 8.6424, 0.8015



1.0118, 0.5215, 0.0516

Previews

White Background



This preview shows how the XYZ color 62.9559, 66.3896, 72.4471 looks on a white background.

Color Contrast Check

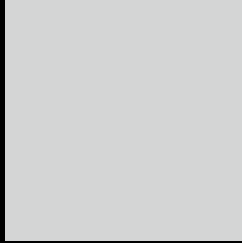
Large Text (above 18pt) WCAG AA × Fail

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 62.9559, 66.3896, 72.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

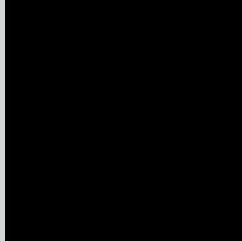
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

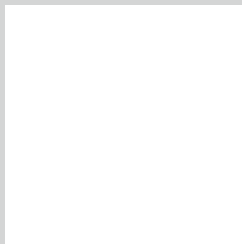
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9559, 66.3896, 72.4471

Background



This preview shows how black text looks on a background with the XYZ color 62.9559, 66.3896, 72.4471.

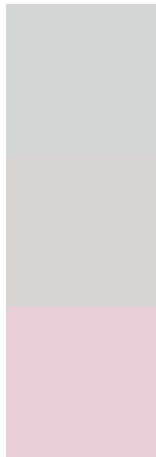


This preview shows how white text looks on a background with the XYZ color 62.9559, 66.3896,

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

62.9559, 66.3896, 72.4471

Protanopia

63.7461, 66.4394, 71.7517

Deuteranopia

67.4876, 66.1535, 72.8302



Tritanopia

64.8909, 66.4307, 82.0753

Trichromacy



Original Color

62.9559, 66.3896, 72.4471

Protanomaly

63.4515, 66.2875, 71.7379

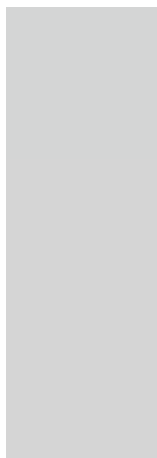
Deuteranomaly

65.9894, 66.4635, 72.9691

Tritanomaly

64.1689, 66.5070, 78.5623

Monochromacy



Original Color

62.9559, 66.3896, 72.4471

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2451, 66.5387, 72.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9559, 66.3896, 72.4471 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(212, 213, 213) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 62.9559, 66.3896, 72.4471 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(212, 213, 213) }
```

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

```
.border{ border-color:rgb(212, 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(212, 213, 213)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 62.9559, 66.3896, 72.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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