

Converting Colors

XYZ(62.5959, 65.8490, 72.5990)

Have a look what the booklet for
XYZ(62.5959, 65.8490, 72.5990)
contains.

XYZ(62.4177, 65.7399, 72.3501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(62.4177, 65.7399,
72.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D4D5
RGB	211, 212, 213
RGB Percent	83%, 83%, 84%
CMY	0.1725, 0.1686, 0.1647
CMYK	0.01, 0.00, 0.00, 0.16
HSL	210°, 2%, 83%
HSV	210°, 1%, 84%
XYZ	62.4177, 65.7399, 72.3501
YIQ	211.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

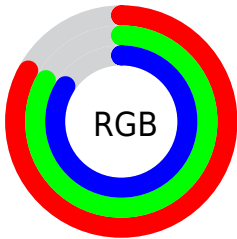
Format	Color
R_{YB}	211, 212, 213
Decimal	13882581
CIE _{Lab}	84.86, -0.15, -0.62
CIE _{LCh}	85, 0.640, 256.144
Yxy	65.7399, 0.3113, 0.3279
Android (android.graphics.Color)	4292072661 (0xFFD3D4D5)
YUV	211.8150, 0.5842, -0.7148
Hunter-Lab	81.0801, -4.4761, 3.8500

Details

The XYZ color **62.4177, 65.7399, 72.3501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7421, 65.9356, 71.0490**, and the grayscale version is **62.4547, 65.7072, 71.5552**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1332, 33.7507, 37.1687** is the 20% darker color. If you saturate the color by 10%, you get **54.1490, 57.6687, 71.2290**, and if you desaturate by 10%, it is **71.6732, 74.5825, 73.5701**.

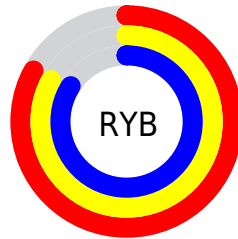
Distribution



Red (83%)

Green (83%)

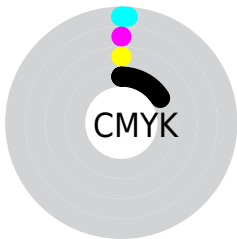
Blue (84%)



Red (83%)

Yellow (83%)

Blue (84%)

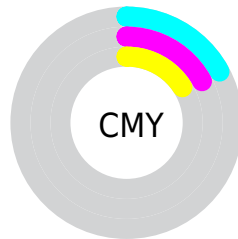


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (17%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4177, 65.7399, 72.3501 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 62.4177, 65.7399, 72.3501 by changing the saturation by 10% instead.

■ 62.4177, 65.7399,
72.3501

■ 62.4177, 65.7399,
72.3501

423.1464,
445.4461, 487.7695

■ 45.6272, 48.0613,
52.9561

107.4155,
113.1129, 124.2665

■ 32.1551, 33.8754,
37.3803

136.3535,
143.5762, 157.6260

■ 21.6361, 22.7979,
25.2040

170.0714,
179.0697, 196.4778

■ 13.7049, 14.4444,
16.0087

208.9346,
219.9780, 241.2404

■ 7.9960, 8.4304,
9.3759

253.3083,
266.6853, 292.3323

■ 4.1442, 4.3715,
4.8870

303.5579,

■ 1.7840, 1.8835,

319.5762, 350.1721

2.1235

360.0488,
379.0350, 415.1783

■ 0.5080, 0.5384,
0.6297

■ 0.0000, 0.0000,
0.0000

■ 62.4177, 65.7399,
72.3501

■ 62.4177, 65.7399,
72.3501

■ 54.1490, 57.6687,
71.2290

■ 71.6732, 74.5825,
73.5701

■ 46.8266, 50.3375,
70.1999

■ 81.9428, 84.2098,
74.8871

■ 40.4153, 43.7249,
69.2614

■ 85.5551, 90.6735,
75.9443

■ 34.8756, 37.8052,
68.4108

■ 88.8387, 97.2408,
77.0388

■ 30.1646, 32.5511,
67.6449

■ 89.0104, 97.5842,
77.0961

■ 26.2357, 27.9329,
66.9606

■ 23.0373, 23.9180,
66.3542

■ 20.5104, 20.4701,
65.8219

■ 18.5856, 17.5471,
65.3591

Harmonies

Analogous

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



62.2927, 65.7399, 72.1513



62.4177, 65.7399, 72.3501



62.5606, 65.7399, 72.3419

Triad

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



62.4177, 65.7399, 72.3501



62.7494, 65.7399, 71.3599



62.2849, 65.7399, 71.0331

Complementary

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



62.4177, 65.7399, 72.3501



62.7421, 65.9356, 71.0490

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.



62.4071, 65.7399, 70.8227



62.4177, 65.7399, 72.3501



62.6753, 65.7399, 71.0109

Square

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



62.4177, 65.7399, 72.3501



62.7523, 65.7399, 71.7691



62.5500, 65.7399, 70.8145



62.2161, 65.7399, 71.3904

Rectangle

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



62.4177, 65.7399, 72.3501



62.6468, 65.7399, 72.2201



62.5500, 65.7399, 70.8145



62.3211, 65.7399, 70.9429

Sweetspot

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



62.4196, 65.7427, 72.3515

95.0500, 100.0000, 108.9000



62.5387, 66.1902, 71.7462



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.



62.4196, 65.7427, 72.3515



93.7140, 98.7115, 108.7217



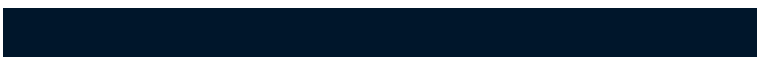
62.1778, 65.2592, 72.2709



13.8190, 14.5548, 16.0185



10.6414, 9.5446, 39.7346



0.7246, 0.7412, 2.4242

Inverse Universe

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



62.6200, 65.4894, 71.6309



94.0380, 98.3022, 107.5567



62.9853, 66.4221, 71.1301



13.8635, 14.4985, 15.8584



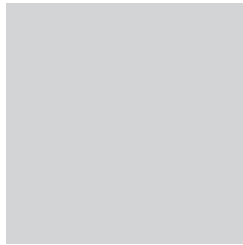
18.4301, 9.3084, 9.5691



1.1534, 0.5782, 0.7972

Previews

White Background



This preview shows how the XYZ color 62.4177, 65.7399, 72.3501 looks on a white background.

Color Contrast Check

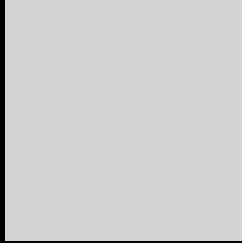
Large Text (above 18pt) WCAG AA × Fail

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 62.4177, 65.7399, 72.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

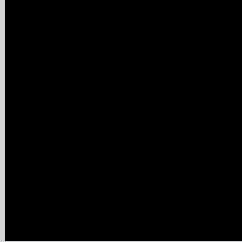
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

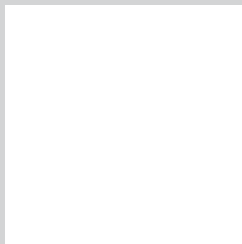
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4177, 65.7399, 72.3501

Background



This preview shows how black text looks on a background with the XYZ color 62.4177, 65.7399, 72.3501.

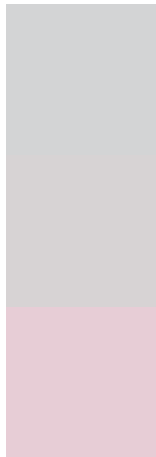


This preview shows how white text looks on a background with the XYZ color 62.4177, 65.7399,

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

62.4177, 65.7399, 72.3501

Protanopia

63.2023, 65.7891, 71.6548

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

64.2146, 65.7303, 81.2542

Trichromacy



Original Color

62.4177, 65.7399, 72.3501

Protanomaly

62.9095, 65.6381, 71.6411

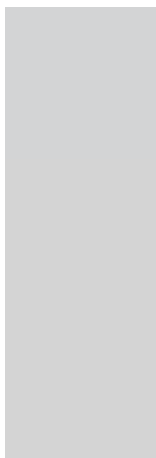
Deuteranomaly

65.4339, 65.8141, 72.8730

Tritanomaly

63.4968, 65.8060, 77.7618

Monochromacy



Original Color

62.4177, 65.7399, 72.3501

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5785, 65.8375, 71.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4177, 65.7399, 72.3501 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(211, 212, 213) looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.4177, 65.7399, 72.3501 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(211, 212, 213) }
```

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

```
.border{ border-color:rgb(211, 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(211, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
213) }
```


Background

The CSS property to change the background color of an element to XYZ 62.4177, 65.7399, 72.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 213) }
```

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

```
.background{ background-color: rgb(211,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor