

Converting Colors

XYZ(64.2233, 68.3993, 73.0784)

Have a look what the booklet for
XYZ(64.2233, 68.3993, 73.0784)
contains.

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Color

**XYZ(64.2637, 68.5759,
72.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9D5
RGB	213, 217, 213
RGB Percent	84%, 85%, 84%
CMY	0.1647, 0.1490, 0.1647
CMYK	0.02, 0.00, 0.02, 0.15
HSL	120°, 5%, 84%
HSV	120°, 2%, 85%
XYZ	64.2637, 68.5759, 72.8002
YIQ	215.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

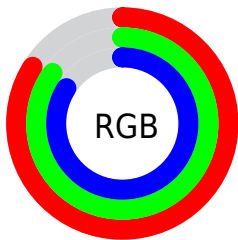
Format	Color
R_{YB}	213, 217, 217
Decimal	14014933
CIE Lab	86.29, -2.07, 1.48
CIE LCh	86, 2.550, 144.446
Yxy	68.5759, 0.3125, 0.3335
Android (android.graphics.Color)	4292205013 (0xFFD5D9D5)
YUV	215.3480, -1.1576, -2.0592
Hunter-Lab	82.8106, -6.3967, 5.8445

Details

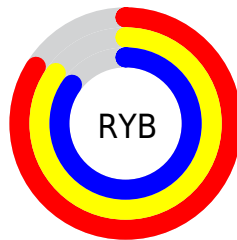
The XYZ color **64.2637, 68.5759, 72.8002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9364, 67.3518, 75.2267**, and the grayscale version is **64.8369, 68.2135, 74.2845**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1924, 35.5784, 37.4656** is the 20% darker color. If you saturate the color by 10%, you get **55.8131, 64.5187, 58.9758**, and if you desaturate by 10%, it is **73.9290, 73.2206, 88.6083**.

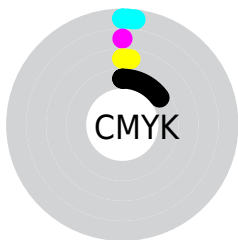
Distribution



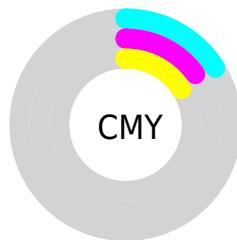
- Red (84%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (85%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2637, 68.5759, 72.8002 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 64.2637, 68.5759, 72.8002 by changing the saturation by 10% instead.

■ 64.2637, 68.5759,
72.8002

■ 64.2637, 68.5759,
72.8002

429.7284,
455.5338, 489.3742

■ 47.1268, 50.3664,
53.3218

110.0622,
117.1756, 124.9118

■ 33.3442, 35.7046,
37.6702

139.4545,
148.3346, 158.3821

■ 22.5508, 24.2062,
25.4270

173.6627,
184.5790, 197.3534

■ 14.3810, 15.4866,
16.1736

213.0520,
226.2930, 242.2443

■ 8.4696, 9.1616,
9.4914

257.9879,
273.8611, 293.4732

■ 4.4512, 4.8467,
4.9619

308.8357,

■ 1.9604, 2.1576,

327.6676, 351.4589

2.1666

365.9608,
388.0971, 416.6197

■ 0.6116, 0.6967,
0.6550

■ 0.0000, 0.0000,
0.0000

■ 64.2637, 68.5759,
72.8002

■ 64.2637, 68.5759,
72.8002

■ 55.8131, 64.5187,
58.9758

■ 73.9290, 73.2206,
88.6083

■ 48.5237, 61.0172,
47.0524

■ 84.1041, 78.1083,
105.2514

■ 42.3465, 58.0500,
36.9484

■ 37.2269, 55.5908,
28.5743

■ 33.1057, 53.6111,
21.8331

■ 29.9176, 52.0797,
16.6185

■ 27.5899, 50.9616,
12.8112

■ 26.0390, 50.2167,
10.2746

■ 25.1648, 49.7967,
8.8448

Harmonies

Analogous

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



64.7125, 68.5759, 71.7580



64.2637, 68.5759, 72.8002



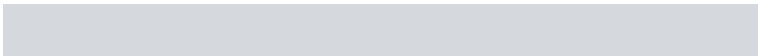
64.0603, 68.5759, 74.3545

Triad

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



64.2637, 68.5759, 72.8002



65.0699, 68.5759, 77.9373



66.2142, 68.5759, 73.3353

Complementary

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



64.2637, 68.5759, 72.8002



64.9364, 67.3518, 75.2267

Split Complementary

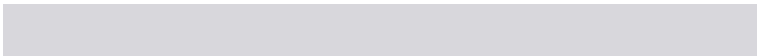
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.3113, 68.5759, 74.9814



64.2637, 68.5759, 72.8002



65.6484, 68.5759, 77.6546

Square

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



64.2637, 68.5759, 72.8002



64.5240, 68.5759, 77.3333



66.1036, 68.5759, 76.5665



65.8391, 68.5759, 72.0637

Rectangle

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



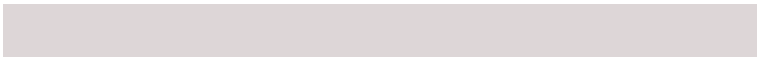
64.2637, 68.5759, 72.8002



64.0904, 68.5759, 75.4783



66.1036, 68.5759, 76.5665



66.2805, 68.5759, 73.8625

Sweetspot

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



64.2656, 68.5788, 72.8017



93.7102, 99.3564, 106.7084



65.4241, 69.1505, 72.8510



20.0720, 21.2731, 22.8631



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.



64.2656, 68.5788, 72.8017



92.3882, 98.7214, 104.5460



64.5128, 68.6777, 74.1032



14.3347, 15.3019, 16.2343



15.0204, 30.0408, 5.0068



0.9731, 1.9462, 0.3244

Inverse Universe

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



64.9364, 67.3518, 75.2267



93.4445, 96.7891, 108.3648



64.6861, 67.2517, 73.9087



14.4879, 15.0217, 16.7880



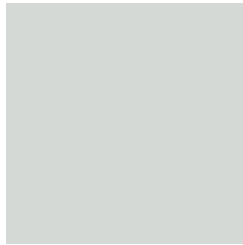
24.9027, 11.9620, 40.7348



1.6133, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 64.2637, 68.5759, 72.8002 looks on a white background.

Color Contrast Check

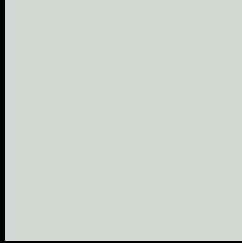
Large Text (above 18pt) WCAG AA × Fail

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 64.2637, 68.5759, 72.8002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

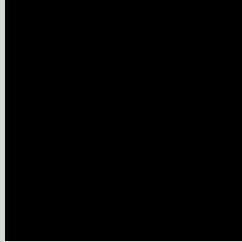
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

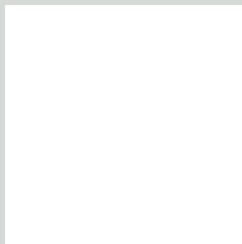
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2637, 68.5759, 72.8002

Background



This preview shows how black text looks on a background with the XYZ color 64.2637, 68.5759, 72.8002.



This preview shows how white text looks on a background with the XYZ color 64.2637, 68.5759,

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

64.2637, 68.5759, 72.8002

Protanopia

65.6993, 68.5700, 72.0600

Deuteranopia

69.9913, 68.5117, 73.8251



Tritanopia

66.7893, 68.4616, 85.2955

Trichromacy



Original Color

64.2637, 68.5759, 72.8002

Protanomaly

65.0548, 68.6169, 72.1030

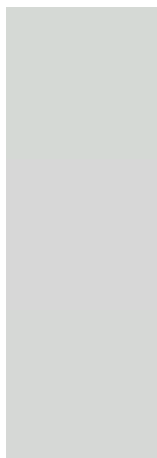
Deuteranomaly

67.6760, 68.4360, 73.2609

Tritanomaly

65.7793, 68.4298, 80.2623

Monochromacy



Original Color

64.2637, 68.5759, 72.8002

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4250, 68.2629, 73.3988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2637, 68.5759, 72.8002 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(213, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 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(213, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.2637, 68.5759, 72.8002 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(213, 217, 213) }
```


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

```
.border{ border-color:rgb(213, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2637, 68.5759, 72.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 213) }
```

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

```
.background{ background-color: rgb(213,  
217, 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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