

Converting Colors

XYZ(64.3283, 69.3004, 72.6839)

Have a look what the booklet for
XYZ(64.3283, 69.3004, 72.6839)
contains.

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Color

**XYZ(64.4931, 69.4642,
72.9596)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DBD5
RGB	212, 219, 213
RGB Percent	83%, 86%, 84%
CMY	0.1686, 0.1412, 0.1647
CMYK	0.03, 0.00, 0.03, 0.14
HSL	129°, 9%, 85%
HSV	129°, 3%, 86%
XYZ	64.4931, 69.4642, 72.9596
YIQ	216.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

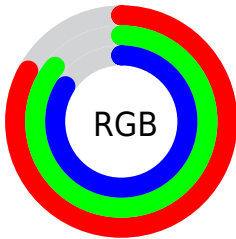
Format	Color
R _Y B	212, 218, 219
Decimal	13949909
CIE Lab	86.73, -3.45, 2.11
CIE LCh	87, 4.045, 148.499
Yxy	69.4642, 0.3117, 0.3357
Android (android.graphics.Color)	4292139989 (0xFFD4DBD5)
YUV	216.2230, -1.5889, -3.7036
Hunter-Lab	83.3452, -7.7295, 6.4397

Details

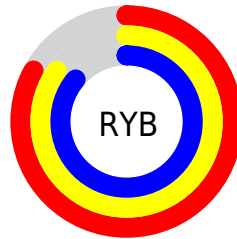
The XYZ color **64.4931, 69.4642, 72.9596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4143, 67.2107, 75.8582**, and the grayscale version is **65.4355, 68.8432, 74.9703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3516, 36.1876, 37.5748** is the 20% darker color. If you saturate the color by 10%, you get **56.3566, 65.5312, 60.8525**, and if you desaturate by 10%, it is **73.7657, 73.9549, 86.5626**.

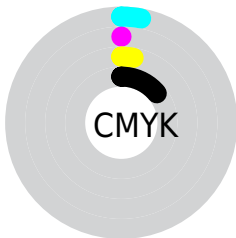
Distribution



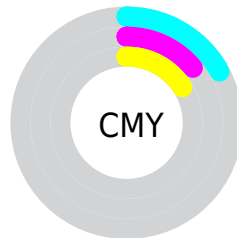
- Red (83%)
- Green (86%)
- Blue (84%)



- Red (83%)
- Yellow (85%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4931, 69.4642, 72.9596 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 64.4931, 69.4642, 72.9596 by changing the saturation by 10% instead.

■ 64.4931, 69.4642,
72.9596

■ 64.4931, 69.4642,
72.9596

430.5422,
458.6665, 489.9418

■ 47.3133, 51.0898,
53.4513

110.3905,
118.4443, 125.1402

■ 33.4924, 36.2801,
37.7730

139.8389,
149.8189, 158.6497

■ 22.6650, 24.6506,
25.5061

174.1076,
186.2957, 197.6632

■ 14.4657, 15.8169,
16.2321

213.5619,
228.2591, 242.5994

■ 8.5291, 9.3947,
9.5324

258.5671,
276.0935, 293.8769

■ 4.4900, 4.9995,
4.9885

309.4887,

■ 1.9829, 2.2470,

330.1832, 351.9141

2.1819

366.6919,
390.9128, 417.1295

■ 0.6243, 0.7454,
0.6639

■ 0.0000, 0.0000,
0.0000

■ 64.4931, 69.4642,
72.9596

■ 64.4931, 69.4642,
72.9596

■ 56.3566, 65.5312,
60.8525

■ 73.7657, 73.9549,
86.5626

■ 49.3068, 62.1257,
50.1858

■ 83.9140, 78.8622,
101.6915

■ 43.2992, 59.2278,
40.9073

■ 84.6229, 79.1458,
105.4243

■ 38.2840, 56.8131,
32.9597

■ 34.2072, 54.8550,
26.2820

■ 31.0100, 53.3246,
20.8083

■ 28.6263, 52.1894,
16.4669

■ 26.9808, 51.4122,
13.1782

■ 25.9838, 50.9487,
10.8524

Harmonies

Analogous

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



65.1642, 69.4642, 71.1721



64.4931, 69.4642, 72.9596



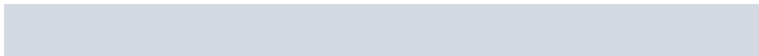
64.2316, 69.4642, 75.4990

Triad

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



64.4931, 69.4642, 72.9596



65.9763, 69.4642, 80.9333



67.6264, 69.4642, 73.1894

Complementary

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



64.4931, 69.4642, 72.9596



65.4143, 67.2107, 75.8582

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.



67.8487, 69.4642, 75.7705



64.4931, 69.4642, 72.9596



66.8906, 69.4642, 80.2801

Square

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



64.4931, 69.4642, 72.9596



65.0828, 69.4642, 80.1389



67.5782, 69.4642, 78.3744



66.9735, 69.4642, 71.3025

Rectangle

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



64.4931, 69.4642, 72.9596



64.3228, 69.4642, 77.2906



67.5782, 69.4642, 78.3744



67.7542, 69.4642, 74.0027

Sweetspot

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



64.4951, 69.4672, 72.9611



93.7681, 99.3796, 107.0135



66.1515, 70.3357, 72.3777



20.0837, 21.2779, 22.9252



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.



64.4951, 69.4672, 72.9611



90.0205, 97.5661, 101.4832



64.9359, 69.6435, 75.2825



13.8139, 15.0485, 15.5279



15.1934, 30.1100, 5.9176



1.0090, 1.9606, 0.5135

Inverse Universe

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



65.4143, 67.2107, 75.8582



91.6482, 93.5704, 106.6133



64.9692, 67.0326, 73.5146



14.1073, 14.3282, 16.4526



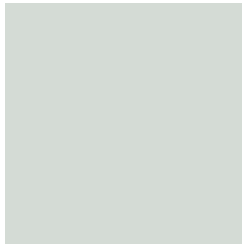
22.7177, 11.0881, 29.2230



1.4941, 0.7273, 2.0111

Previews

White Background



This preview shows how the XYZ color 64.4931, 69.4642, 72.9596 looks on a white background.

Color Contrast Check

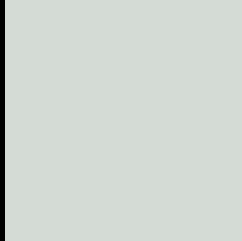
Large Text (above 18pt) WCAG AA × Fail

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 64.4931, 69.4642, 72.9596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

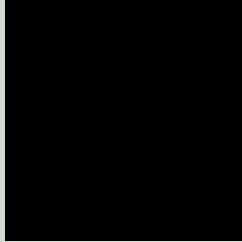
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

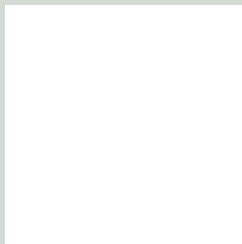
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4931, 69.4642, 72.9596

Background



This preview shows how black text looks on a background with the XYZ color 64.4931, 69.4642, 72.9596.



This preview shows how white text looks on a background with the XYZ color 64.4931, 69.4642,

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

64.4931, 69.4642, 72.9596

Protanopia

66.4379, 69.3445, 71.5112

Deuteranopia

70.9089, 69.3502, 73.9386



Tritanopia

67.2882, 69.4420, 86.9480

Trichromacy



Original Color

64.4931, 69.4642, 72.9596

Protanomaly

65.6100, 69.2846, 72.2026

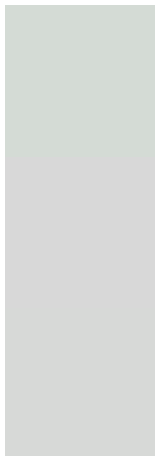
Deuteranomaly

68.2449, 69.1016, 73.3594

Tritanomaly

66.2719, 69.4128, 81.8566

Monochromacy



Original Color

64.4931, 69.4642, 72.9596

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1029, 68.9791, 74.1730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4931, 69.4642, 72.9596 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, 219, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 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, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.4931, 69.4642, 72.9596 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, 219, 213) }
```


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

```
.border{ border-color:rgb(212, 219, 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, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4931, 69.4642, 72.9596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 213) }
```

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

```
.background{ background-color: rgb(212,  
219, 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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