

Converting Colors

XYZ(66.3257, 69.7792, 73.2529)

Have a look what the booklet for
XYZ(66.3257, 69.7792, 73.2529)
contains.

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Color

**XYZ(66.0365, 69.4899,
72.8832)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9D5
RGB	219, 217, 213
RGB Percent	86%, 85%, 84%
CMY	0.1412, 0.1490, 0.1647
CMYK	0.00, 0.01, 0.03, 0.14
HSL	40°, 8%, 85%
HSV	40°, 3%, 86%
XYZ	66.0365, 69.4899, 72.8832
YIQ	217.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

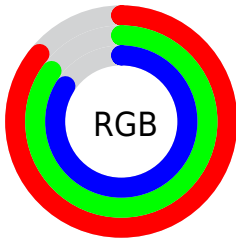
Format	Color
R _Y B	216, 219, 213
Decimal	14408149
CIE Lab	86.75, -0.03, 2.20
CIE LCh	87, 2.196, 90.674
Yxy	69.4899, 0.3169, 0.3334
Android (android.graphics.Color)	4292598229 (0xFFDBD9D5)
YUV	217.1420, -2.0420, 1.6295
Hunter-Lab	83.3606, -4.4771, 6.5144

Details

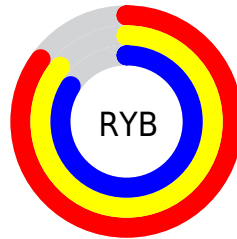
The XYZ color **66.0365, 69.4899, 72.8832** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5271, 67.8605, 76.7161**, and the grayscale version is **66.0647, 69.5052, 75.6912**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4017, 36.2018, 37.5222** is the 20% darker color. If you saturate the color by 10%, you get **61.6065, 64.7814, 58.6058**, and if you desaturate by 10%, it is **70.9288, 74.5204, 89.1683**.

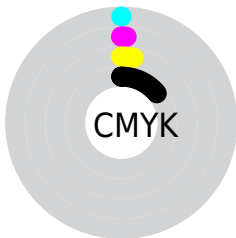
Distribution



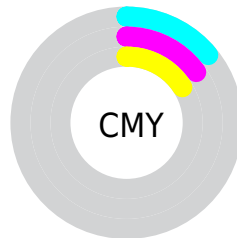
- Red (86%)
- Green (85%)
- Blue (84%)



- Red (85%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0365, 69.4899, 72.8832 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 66.0365, 69.4899, 72.8832 by changing the saturation by 10% instead.

■ 66.0365, 69.4899,
72.8832

■ 66.0365, 69.4899,
72.8832

435.9940,
458.7569, 489.6698

■ 48.5698, 51.1108,
53.3892

112.5962,
118.4810, 125.0308

■ 34.4915, 36.2968,
37.7237

142.4199,
149.8618, 158.5214

■ 23.4361, 24.6635,
25.4682

177.0933,
186.3453, 197.5147

■ 15.0383, 15.8265,
16.2040

216.9819,
228.3159, 242.4292

■ 8.9328, 9.4015,
9.5127

262.4508,
276.1580, 293.6834

■ 4.7541, 5.0040,
4.9757

313.8656,

■ 2.1370, 2.2496,

330.2559, 351.6959

2.1745

371.5915,
390.9941, 416.8852

■ 0.7092, 0.7468,
0.6596

■ 0.0000, 0.0000,
0.0000

■ 66.0365, 69.4899,
72.8832

■ 66.0365, 69.4899,
72.8832

■ 61.6065, 64.7814,
58.6058

■ 70.9288, 74.5204,
89.1683

■ 57.6168, 60.3778,
46.2526

■ 76.0011, 79.7550,
105.9963

■ 54.0525, 56.2736,
35.7409

■ 78.0896, 83.9320,
106.6925

■ 50.8954, 52.4597,
26.9799

■ 80.2641, 88.2809,
107.4173

■ 48.1256, 48.9264,
19.8715

■ 82.5255, 92.8037,
108.1711

■ 45.7216, 45.6633,
14.3074

■ 83.0238, 93.8003,
108.3372

■ 43.6593, 42.6589,
10.1665

■ 41.9110, 39.9001,
7.3094

■ 40.4438, 37.3718,
5.5682

Harmonies

Analogous

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



66.5305, 69.4899, 73.2354



66.0365, 69.4899, 72.8832



65.5480, 69.4899, 73.2678

Triad

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



66.0365, 69.4899, 72.8832



65.2064, 69.4899, 77.1076



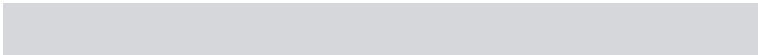
66.9086, 69.4899, 77.0495

Complementary

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



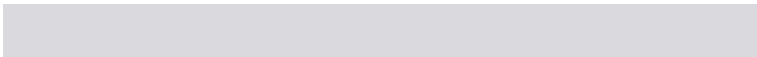
66.0365, 69.4899, 72.8832



64.5271, 67.8605, 76.7161

Split Complementary

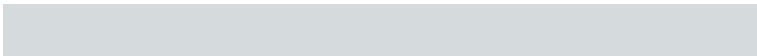
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5507, 69.4899, 78.1092



66.0365, 69.4899, 72.8832



65.5679, 69.4899, 78.1431

Square

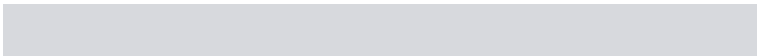
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0365, 69.4899, 72.8832



65.0703, 69.4899, 75.6958



66.0596, 69.4899, 78.5120



67.0356, 69.4899, 75.6296

Rectangle

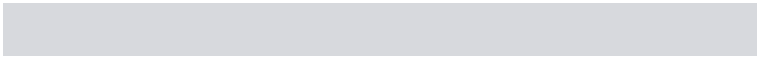
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



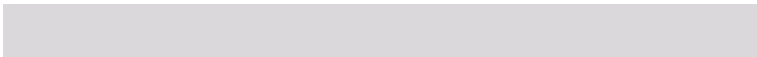
66.0365, 69.4899, 72.8832



65.2908, 69.4899, 73.8931



66.0596, 69.4899, 78.5120



66.8112, 69.4899, 77.4603

Sweetspot

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



66.0385, 69.4929, 72.8847



94.3721, 99.2968, 106.6620



65.2743, 67.5559, 73.8902



20.2067, 21.2610, 22.8537



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.



66.0385, 69.4929, 72.8847



93.0361, 97.9041, 102.2730



66.2561, 70.3735, 73.0432



14.3331, 15.0834, 15.5918



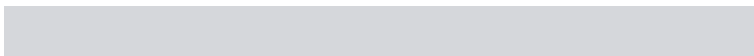
23.5350, 21.3555, 2.8816



1.6026, 1.5393, 0.2127

Inverse Universe

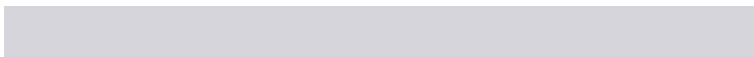
The Inverse Universe completely reimagines the original color for something new.



64.5271, 67.8605, 76.7161



90.6843, 95.3637, 108.2352



64.3130, 67.0002, 76.5613



13.8811, 14.5952, 16.7377



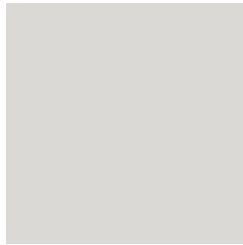
9.0787, 6.0269, 40.4232



0.6658, 0.5458, 2.6447

Previews

White Background



This preview shows how the XYZ color 66.0365, 69.4899, 72.8832 looks on a white background.

Color Contrast Check

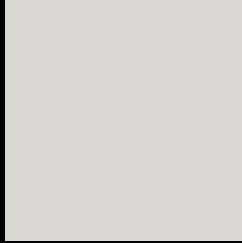
Large Text (above 18pt) WCAG AA × Fail

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 66.0365, 69.4899, 72.8832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

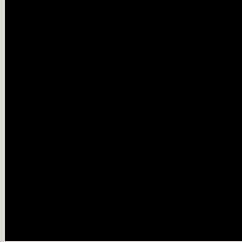
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

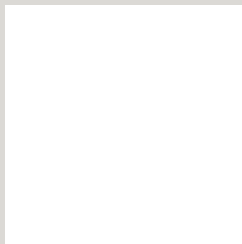
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0365, 69.4899, 72.8832

Background



This preview shows how black text looks on a background with the XYZ color 66.0365, 69.4899, 72.8832.

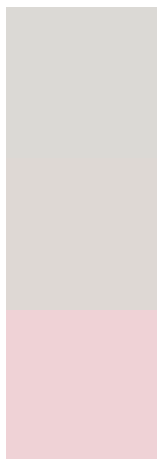


This preview shows how white text looks on a background with the XYZ color 66.0365, 69.4899,

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

66.0365, 69.4899, 72.8832

Protanopia

66.5637, 69.3948, 72.1736

Deuteranopia

70.7808, 69.2989, 73.2638



Tritanopia

68.5946, 69.3923, 85.3800

Trichromacy



Original Color

66.0365, 69.4899, 72.8832

Protanomaly

66.2583, 69.2374, 72.1593

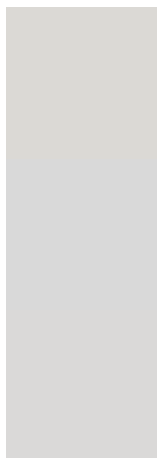
Deuteranomaly

69.2106, 69.5993, 73.4046

Tritanomaly

67.5738, 69.3548, 80.3463

Monochromacy



Original Color

66.0365, 69.4899, 72.8832

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1210, 69.4890, 74.8935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0365, 69.4899, 72.8832 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(219, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 66.0365, 69.4899, 72.8832 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(219, 217, 213) }
```


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

```
.border{ border-color:rgb(219, 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(219, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0365, 69.4899, 72.8832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 213) }
```

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

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