

Converting Colors

XYZ(66.9348, 70.0064, 73.9926)

Have a look what the booklet for
XYZ(66.9348, 70.0064, 73.9926)
contains.

XYZ(66.8974, 69.9042, 74.2570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.8974, 69.9042,
74.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD9D7
RGB	221, 217, 215
RGB Percent	87%, 85%, 84%
CMY	0.1333, 0.1490, 0.1569
CMYK	0.00, 0.02, 0.03, 0.13
HSL	20°, 8%, 85%
HSV	20°, 3%, 87%
XYZ	66.8974, 69.9042, 74.2570
YIQ	217.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

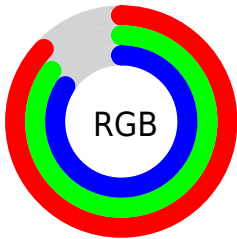
Format	Color
RYB	221, 218, 215
Decimal	14539223
CIELab	86.95, 1.01, 1.46
CIELCh	87, 1.772, 55.188
Yxy	69.9042, 0.3170, 0.3312
Android (android.graphics.Color)	4292729303 (0xFFDDD9D7)
YUV	217.9680, -1.4632, 2.6591
Hunter-Lab	83.6087, -3.4930, 5.8678

Details

The XYZ color **66.8974, 69.9042, 74.2570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4070, 70.3295, 78.4824**, and the grayscale version is **66.6285, 70.0984, 76.3372**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9914, 36.4857, 38.4559** is the 20% darker color. If you saturate the color by 10%, you get **60.6216, 61.5938, 59.0882**, and if you desaturate by 10%, it is **73.8992, 79.0509, 91.5621**.

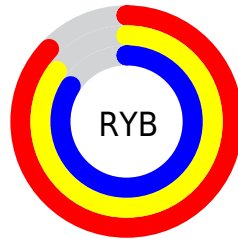
Distribution



Red (87%)

Green (85%)

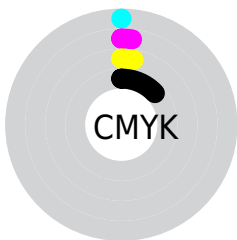
Blue (84%)



Red (87%)

Yellow (85%)

Blue (84%)

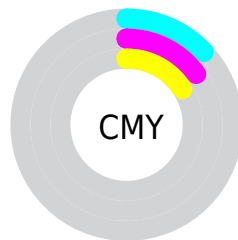


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8974, 69.9042, 74.2570 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 66.8974, 69.9042, 74.2570 by changing the saturation by 10% instead.

■ 66.8974, 69.9042,
74.2570

■ 66.8974, 69.9042,
74.2570

439.0177,
460.2136, 494.5470

■ 49.2716, 51.4484,
54.5064

113.8240,
119.0721, 126.9975

■ 35.0504, 36.5656,
38.6107

143.8555,
150.5531, 160.8244

■ 23.8684, 24.8714,
26.1515

178.7531,
187.1446, 200.1804

■ 15.3603, 15.9812,
16.7102

218.8819,
229.2310, 245.4842

■ 9.1606, 9.5109,
9.8683

264.6074,
277.1967, 297.1542

■ 4.9040, 5.0759,
5.2073

316.2950,

■ 2.2252, 2.2919,

331.4261, 355.6089

2.3085

374.3100,
392.3036, 421.2670

■ 0.7560, 0.7694,
0.7360

■ 0.0000, 0.0000,
0.0000

■ 66.8974, 69.9042,
74.2570

■ 66.8974, 69.9042,
74.2570

■ 60.6216, 61.5938,
59.0882

■ 73.8992, 79.0509,
91.5621

■ 55.0419, 54.0870,
45.9677

■ 80.9599, 88.7739,
107.4758

■ 50.1347, 47.3618,
34.8082

■ 83.6292, 94.1123,
108.3655

■ 45.8730, 41.3922,
25.5144

■ 42.2276, 36.1505,
17.9826

■ 39.1672, 31.6071,
12.0993

■ 36.6570, 27.7303,
7.7372

■ 34.6582, 24.4855,
4.7502

■ 33.1255, 21.8341,
2.9626

Harmonies

Analogous

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



67.1649, 69.9042, 75.1475



66.8974, 69.9042, 74.2570



66.5087, 69.9042, 73.8642

Triad

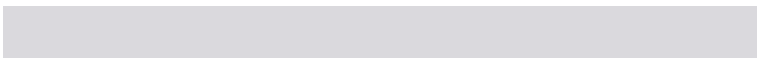
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.8974, 69.9042, 74.2570



65.6516, 69.9042, 75.9227



66.7813, 69.9042, 78.1958

Complementary

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



66.8974, 69.9042, 74.2570



66.4070, 70.3295, 78.4824

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.



66.3751, 69.9042, 78.4086



66.8974, 69.9042, 74.2570



65.7240, 69.9042, 77.0884

Square

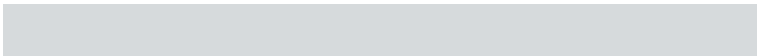
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8974, 69.9042, 74.2570



65.7903, 69.9042, 74.8195



65.9884, 69.9042, 78.0013



67.0977, 69.9042, 77.4229

Rectangle

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



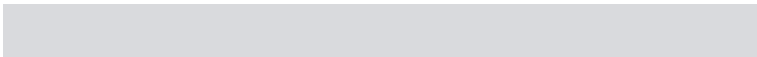
66.8974, 69.9042, 74.2570



66.2335, 69.9042, 73.9344



65.9884, 69.9042, 78.0013



66.6507, 69.9042, 78.3356

Sweetspot

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



66.8994, 69.9072, 74.2585



94.1027, 98.7580, 106.5723



66.9064, 69.0886, 76.8279



20.1518, 21.1514, 22.8354



0.0000, 0.0000, 0.0000



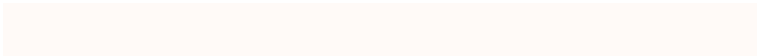
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8994, 69.9072, 74.2585



92.2387, 96.3092, 102.0072



67.6787, 71.4658, 74.5183



14.1798, 14.7769, 15.5407



18.8309, 11.9473, 1.3136



1.2977, 0.9296, 0.1110

Inverse Universe

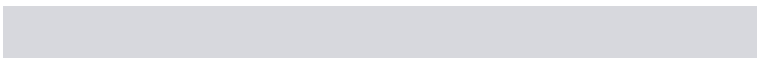
The Inverse Universe completely reimagines the original color for something new.



66.4070, 70.3295, 78.4824



91.4816, 96.9585, 108.5010



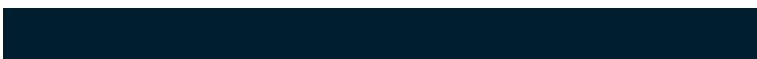
65.6324, 68.7804, 78.2242



14.0343, 14.9017, 16.7888



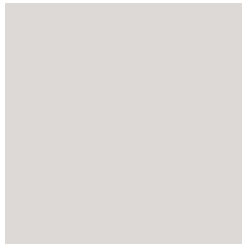
13.7680, 15.4053, 41.9863



0.9700, 1.1541, 2.7461

Previews

White Background



This preview shows how the XYZ color 66.8974, 69.9042, 74.2570 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 66.8974, 69.9042, 74.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

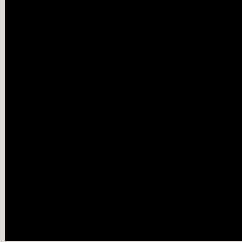
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

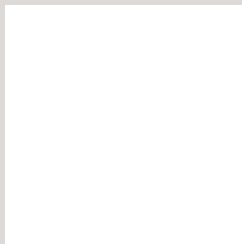
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8974, 69.9042, 74.2570

Background



This preview shows how black text looks on a background with the XYZ color 66.8974, 69.9042, 74.2570.



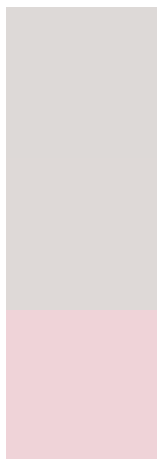
This preview shows how white text looks on a background with the XYZ color 66.8974, 69.9042,

74.2570.

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

66.8974, 69.9042, 74.2570

Protanopia

67.2028, 70.0616, 74.2713

Deuteranopia

71.2855, 69.8971, 74.7001



Tritanopia

68.9018, 69.5506, 85.3944

Trichromacy



Original Color

66.8974, 69.9042, 74.2570

Protanomaly

67.2028, 70.0616, 74.2713

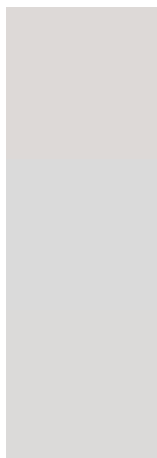
Deuteranomaly

69.4676, 69.7022, 74.7583

Tritanomaly

68.0152, 69.5667, 81.0771

Monochromacy



Original Color

66.8974, 69.9042, 74.2570

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8092, 70.2126, 75.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8974, 69.9042, 74.2570 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(221, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(221, 217, 215)  
}
```

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(221, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.8974, 69.9042, 74.2570 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(221, 217, 215) }
```


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

```
.border{ border-color:rgb(221, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(221, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8974, 69.9042, 74.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 217, 215) }
```

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

```
.background{ background-color: rgb(221,  
217, 215) }
```

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