

Converting Colors

XYZ(66.5931, 69.7021, 74.8524)

Have a look what the booklet for
XYZ(66.5931, 69.7021, 74.8524)
contains.

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Color

**XYZ(66.7227, 69.7992,
74.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD9D8
RGB	220, 217, 216
RGB Percent	86%, 85%, 85%
CMY	0.1372, 0.1490, 0.1529
CMYK	0.00, 0.01, 0.02, 0.14
HSL	15°, 5%, 85%
HSV	15°, 2%, 86%
XYZ	66.7227, 69.7992, 74.9217
YIQ	217.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

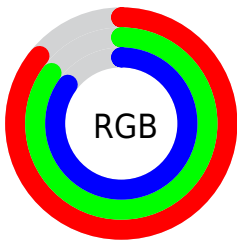
Format	Color
R _Y B	220, 217, 216
Decimal	14473688
CIE Lab	86.90, 0.85, 0.84
CIE LCh	87, 1.195, 44.863
Yxy	69.7992, 0.3156, 0.3301
Android (android.graphics.Color)	4292663768 (0xFFD9D8)
YUV	217.7830, -0.8790, 1.9443
Hunter-Lab	83.5459, -3.6490, 5.3125

Details

The XYZ color **66.7227, 69.7992, 74.9217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5687, 70.4283, 77.7965**, and the grayscale version is **66.4976, 69.9606, 76.1871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8704, 36.4132, 38.9088** is the 20% darker color. If you saturate the color by 10%, you get **60.0296, 60.6635, 59.5851**, and if you desaturate by 10%, it is **74.2248, 79.9416, 92.4084**.

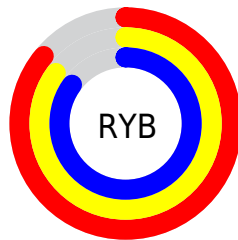
Distribution



Red (86%)

Green (85%)

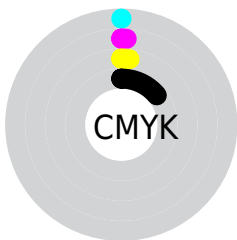
Blue (85%)



Red (86%)

Yellow (85%)

Blue (85%)

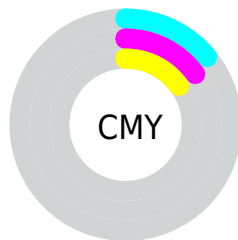


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7227, 69.7992, 74.9217 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 66.7227, 69.7992, 74.9217 by changing the saturation by 10% instead.

■ 66.7227, 69.7992,
74.9217

■ 66.7227, 69.7992,
74.9217

438.4051,
459.8446, 496.8966

■ 49.1292, 51.3629,
55.0474

113.5750,
118.9224, 127.9476

■ 34.9369, 36.4975,
39.0408

143.5644,
150.3780, 161.9363

■ 23.7806, 24.8186,
26.4834

178.4166,
186.9421, 201.4668

■ 15.2948, 15.9420,
16.9566

218.4968,
228.9992, 246.9578

■ 9.1142, 9.4831,
10.0419

264.1704,
276.9335, 298.8277

■ 4.8734, 5.0576,
5.3208

315.8027,

■ 2.2072, 2.2811,

331.1297, 357.4951

2.3747

373.7592,
391.9719, 423.3786

■ 0.7465, 0.7637,
0.7726

■ 0.0000, 0.0000,
0.0000

■ 66.7227, 69.7992,
74.9217

■ 66.7227, 69.7992,
74.9217

■ 60.0296, 60.6635,
59.5851

■ 74.2248, 79.9416,
92.4084

■ 54.1122, 52.4947,
46.3109

■ 81.7400, 90.7847,
107.8228

■ 48.9435, 45.2635,
35.0118

■ 83.3256, 93.9558,
108.3513

■ 44.4927, 38.9358,
25.5928

■ 40.7266, 33.4753,
17.9508

■ 37.6095, 28.8432,
11.9727

■ 35.1021, 24.9976,
7.5325

■ 33.1605, 21.8928,
4.4855

■ 31.7339, 19.4778,
2.6593

Harmonies

Analogous

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



66.8615, 69.7992, 75.6064



66.7227, 69.7992, 74.9217



66.4821, 69.7992, 74.5272

Triad

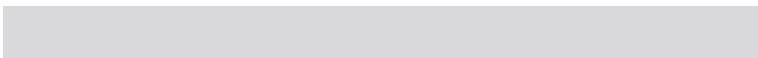
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7227, 69.7992, 74.9217



65.8260, 69.7992, 75.5993



66.4796, 69.7992, 77.4929

Complementary

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



66.7227, 69.7992, 74.9217



66.5687, 70.4283, 77.7965

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.



66.2022, 69.7992, 77.4910



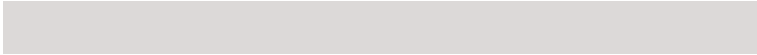
66.7227, 69.7992, 74.9217



65.8253, 69.7992, 76.3939

Square

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



66.7227, 69.7992, 74.9217



65.9646, 69.7992, 74.9166



65.9628, 69.7992, 77.0875



66.7209, 69.7992, 77.0928

Rectangle

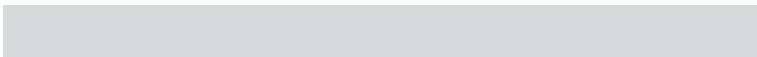
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7227, 69.7992, 74.9217



66.2966, 69.7992, 74.4801



65.9628, 69.7992, 77.0875



66.3875, 69.7992, 77.5393

Sweetspot

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



66.7247, 69.8022, 74.9232



94.0358, 98.6242, 106.5499



66.8582, 69.4429, 76.8988



20.1382, 21.1242, 22.8308



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.



66.7247, 69.8022, 74.9232



93.0330, 97.2626, 104.2305



67.2423, 70.8375, 75.0958



14.4282, 15.0904, 16.1886



18.2048, 10.6952, 1.1049



1.2479, 0.8299, 0.0944

Inverse Universe

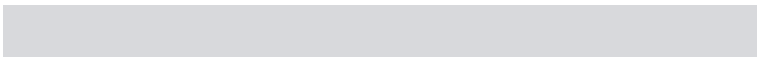
The Inverse Universe completely reimagines the original color for something new.



66.5687, 70.4283, 77.7965



92.7916, 98.2317, 108.6777



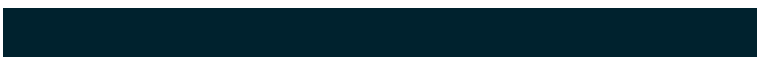
66.0510, 69.3930, 77.6240



14.3932, 15.2309, 16.8334



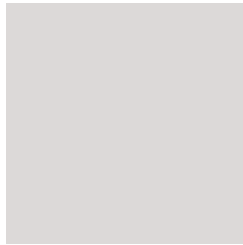
15.5492, 18.9678, 42.5800



1.0742, 1.3625, 2.7808

Previews

White Background



This preview shows how the XYZ color 66.7227, 69.7992, 74.9217 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 66.7227, 69.7992, 74.9217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

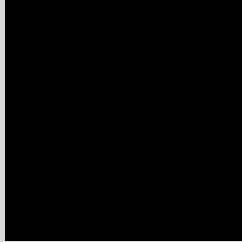
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

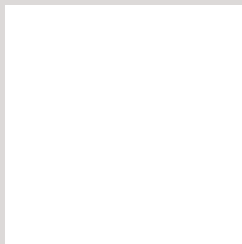
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7227, 69.7992, 74.9217

Background



This preview shows how black text looks on a background with the XYZ color 66.7227, 69.7992, 74.9217.

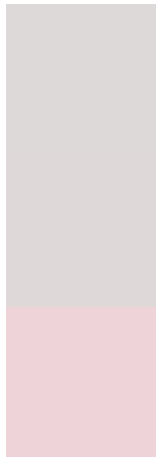


This preview shows how white text looks on a background with the XYZ color 66.7227, 69.7992,

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

66.7227, 69.7992, 74.9217

Protanopia

67.0747, 69.5992, 74.8645

Deuteranopia

71.0785, 69.7754, 75.3674



Tritanopia

68.9901, 69.9567, 86.2107

Trichromacy



Original Color

66.7227, 69.7992, 74.9217

Protanomaly

66.7693, 69.4418, 74.8502

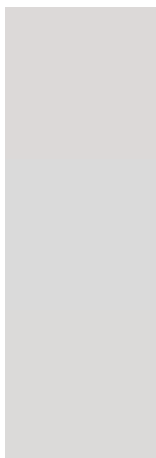
Deuteranomaly

69.2736, 69.5872, 75.4262

Tritanomaly

68.1021, 69.9749, 81.8686

Monochromacy



Original Color

66.7227, 69.7992, 74.9217

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 66.7227, 69.7992, 74.9217 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(220, 217, 216) looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 216)  
}
```

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(220, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.7227, 69.7992, 74.9217 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(220, 217, 216) }
```


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

```
.border{ border-color:rgb(220, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7227, 69.7992, 74.9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 216) }
```

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

```
.background{ background-color: rgb(220,  
217, 216) }
```

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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