

Converting Colors

XYZ(66.7186, 69.5131, 75.0383)

Have a look what the booklet for
XYZ(66.7186, 69.5131, 75.0383)
contains.

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Color

**XYZ(66.7693, 69.4418,
74.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD8D8
RGB	221, 216, 216
RGB Percent	87%, 85%, 85%
CMY	0.1333, 0.1529, 0.1529
CMYK	0.00, 0.02, 0.02, 0.13
HSL	0°, 7%, 86%
HSV	0°, 2%, 87%
XYZ	66.7693, 69.4418, 74.8502
YIQ	217.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

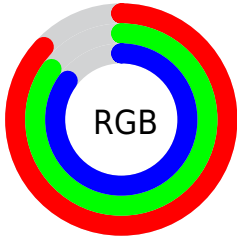
Format	Color
R _{YB}	221, 216, 216
Decimal	14538968
CIE Lab	86.72, 1.71, 0.60
CIE LCh	87, 1.809, 19.217
Yxy	69.4418, 0.3164, 0.3290
Android (android.graphics.Color)	4292729048 (0xFFDDD8D8)
YUV	217.4950, -0.7370, 3.0739
Hunter-Lab	83.3317, -2.8080, 5.0768

Details

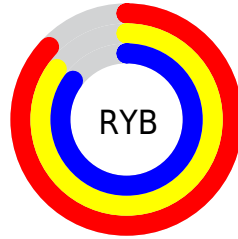
The XYZ color **66.7693, 69.4418, 74.8502** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2263, 71.5311, 78.6711**, and the grayscale version is **66.2982, 69.7508, 75.9586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9038, 36.1699, 38.8601** is the 20% darker color. If you saturate the color by 10%, you get **58.8203, 57.8122, 59.0396**, and if you desaturate by 10%, it is **75.8668, 82.7517, 92.9412**.

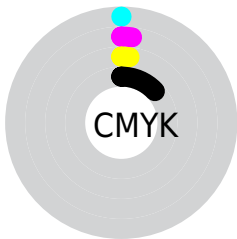
Distribution



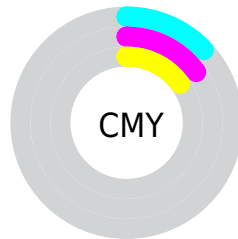
- Red (87%)
- Green (85%)
- Blue (85%)



- Red (87%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7693, 69.4418, 74.8502 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 66.7693, 69.4418, 74.8502 by changing the saturation by 10% instead.

■ 66.7693, 69.4418,
74.8502

■ 66.7693, 69.4418,
74.8502

438.5685,
458.5876, 496.6442

■ 49.1672, 51.0716,
54.9892

113.6414,
118.4124, 127.8454

■ 34.9672, 36.2656,
38.9945

143.6421,
149.7815, 161.8167

■ 23.8040, 24.6394,
26.4477

178.5063,
186.2525, 201.3286

■ 15.3122, 15.8086,
16.9301

218.5995,
228.2096, 246.7994

■ 9.1266, 9.3888,
10.0232

264.2870,
276.0373, 298.6479

■ 4.8816, 4.9956,
5.3085

315.9341,

■ 2.2120, 2.2447,

330.1199, 357.2925

2.3675

373.9061,
390.8419, 423.1517

■ 0.7491, 0.7442,
0.7687

■ 0.0000, 0.0000,
0.0000

■ 66.7693, 69.4418,
74.8502

■ 66.7693, 69.4418,
74.8502

■ 58.8203, 57.8122,
59.0396

■ 75.8668, 82.7517,
92.9412

■ 51.9686, 47.7876,
45.4146

■ 83.6291, 94.1123,
108.3655

■ 46.1679, 39.3002,
33.8805

■ 41.3661, 32.2742,
24.3340

■ 37.5069, 26.6269,
16.6627

■ 34.5284, 22.2680,
10.7433

■ 32.3612, 19.0959,
6.4377

■ 30.9256, 16.9940,
3.5871

■ 30.1257, 15.8222,
2.0006

Harmonies

Analogous

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



66.8003, 69.4418, 76.0447



66.7693, 69.4418, 74.8502



66.5323, 69.4418, 73.8693

Triad

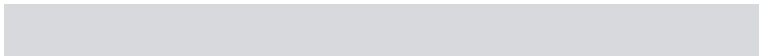
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7693, 69.4418, 74.8502



65.3916, 69.4418, 74.1068



65.8511, 69.4418, 77.9095

Complementary

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



66.7693, 69.4418, 74.8502



67.2263, 71.5311, 78.6711

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.



65.4753, 69.4418, 77.3784



66.7693, 69.4418, 74.8502



65.2107, 69.4418, 75.1776

Square

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



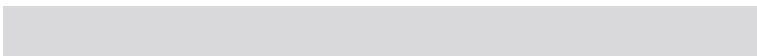
66.7693, 69.4418, 74.8502



65.7364, 69.4418, 73.4433



65.2413, 69.4418, 76.3756



66.2690, 69.4418, 77.8195

Rectangle

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



66.7693, 69.4418, 74.8502



66.2899, 69.4418, 73.4646



65.2413, 69.4418, 76.3756



65.7157, 69.4418, 77.7974

Sweetspot

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



66.7713, 69.4448, 74.8517



93.8346, 98.2219, 106.4829



67.4267, 69.7053, 78.3081



20.0973, 21.0423, 22.8172



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.



66.7713, 69.4448, 74.8517



91.4523, 94.7366, 101.7451



67.4156, 70.7335, 75.0665



14.0292, 14.4757, 15.4905



17.3237, 8.9329, 0.8112



1.1226, 0.5793, 0.0527

Inverse Universe

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



67.2263, 71.5311, 78.6711



92.2894, 98.5740, 108.7702



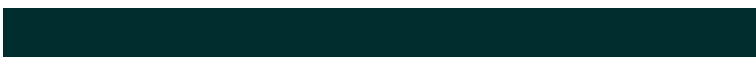
66.5722, 70.2229, 78.4530



14.1901, 15.2132, 16.8407



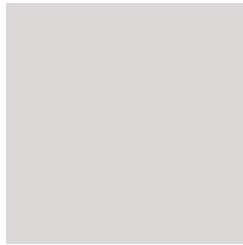
22.5754, 33.0203, 44.9221



1.4628, 2.1398, 2.9104

Previews

White Background



This preview shows how the XYZ color 66.7693, 69.4418, 74.8502 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 66.7693, 69.4418, 74.8502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

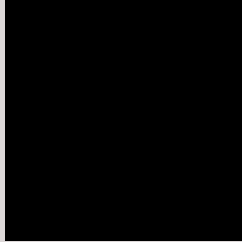
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

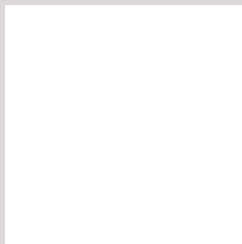
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7693, 69.4418, 74.8502

Background



This preview shows how black text looks on a background with the XYZ color 66.7693, 69.4418, 74.8502.

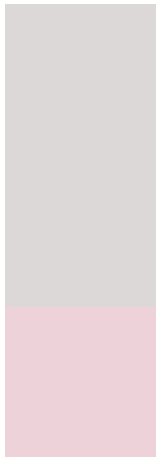


This preview shows how white text looks on a background with the XYZ color 66.7693, 69.4418,

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

66.7693, 69.4418, 74.8502

Protanopia

66.7693, 69.4418, 74.8502

Deuteranopia

70.8309, 69.2801, 75.2848



Tritanopia

68.9018, 69.5506, 85.3944

Trichromacy



Original Color

66.7693, 69.4418, 74.8502

Protanomaly

66.7693, 69.4418, 74.8502

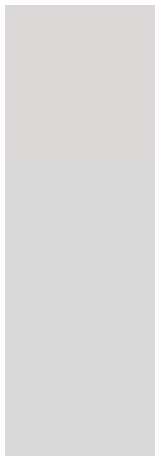
Deuteranomaly

69.3466, 69.2525, 75.3578

Tritanomaly

68.1521, 69.6215, 81.7978

Monochromacy



Original Color

66.7693, 69.4418, 74.8502

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2507, 69.5409, 75.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7693, 69.4418, 74.8502 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, 216, 216) looks like.

```
.text, #text, p{  
    color:rgb(221, 216, 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(221, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.7693, 69.4418, 74.8502 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, 216, 216) }
```


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

```
.border{ border-color:rgb(221, 216, 216) }
```

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

Here you see how a box with a 4 pixel rgb(221, 216, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 216,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7693, 69.4418, 74.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 216, 216) }
```

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

```
.background{ background-color: rgb(221,  
216, 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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