

Converting Colors

XYZ(66.8666, 72.3541, 73.4421)

Have a look what the booklet for
XYZ(66.8666, 72.3541, 73.4421)
contains.

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Color

**XYZ(66.7168, 72.1784,
73.3663)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DFD5
RGB	216, 223, 213
RGB Percent	85%, 87%, 84%
CMY	0.1529, 0.1255, 0.1647
CMYK	0.03, 0.00, 0.04, 0.13
HSL	102°, 14%, 85%
HSV	102°, 4%, 87%
XYZ	66.7168, 72.1784, 73.3663
YIQ	219.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

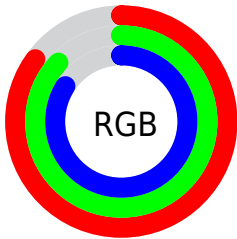
Format	Color
R_{YB}	213, 223, 220
Decimal	14213077
CIE Lab	88.05, -4.15, 4.07
CIE LCh	88, 5.810, 135.581
Yxy	72.1784, 0.3143, 0.3400
Android (android.graphics.Color)	4292403157 (0xFFD8DFD5)
YUV	219.7670, -3.3361, -3.3037
Hunter-Lab	84.9579, -8.5015, 8.2700

Details

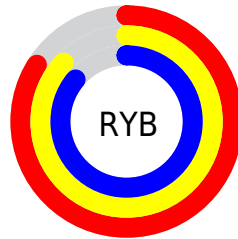
The XYZ color **66.7168, 72.1784, 73.3663** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6316, 68.1339, 79.4551**, and the grayscale version is **67.8898, 71.4254, 77.7822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8721, 38.0510, 37.8544** is the 20% darker color. If you saturate the color by 10%, you get **59.6832, 68.8594, 59.2635**, and if you desaturate by 10%, it is **74.5821, 75.8853, 89.5428**.

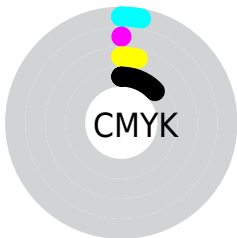
Distribution



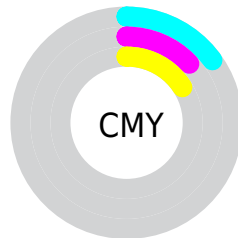
- Red (85%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7168, 72.1784, 73.3663 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 66.7168, 72.1784, 73.3663 by changing the saturation by 10% instead.

■ 66.7168, 72.1784,
73.3663

■ 66.7168, 72.1784,
73.3663

438.3844,
468.1623, 491.3881

■ 49.1244, 53.3044,
53.7819

113.5666,
122.3101, 125.7228

■ 34.9331, 38.0458,
38.0353

143.5546,
154.3367, 159.3320

■ 23.7776, 26.0183,
25.7081

178.4052,
191.5162, 198.4532

■ 15.2926, 16.8373,
16.3816

218.4838,
234.2331, 243.5049

■ 9.1126, 10.1186,
9.6373

264.1556,
282.8718, 294.9058

■ 4.8724, 5.4776,
5.0567

315.7861,

■ 2.2066, 2.5301,

337.8166, 353.0742

2.2212

373.7406,
399.4520, 418.4288

■ 0.7462, 0.8917,
0.6866

■ 0.0000, 0.0000,
0.0000

■ 66.7168, 72.1784,
73.3663

■ 66.7168, 72.1784,
73.3663

■ 59.6832, 68.8594,
59.2635

■ 74.5821, 75.8853,
89.5428

■ 53.4473, 65.9064,
47.1460

■ 82.8777, 79.8140,
105.6453

■ 47.9816, 63.3093,
36.9260

■ 85.6791, 81.2582,
105.7764

■ 43.2546, 61.0539,
28.5072

■ 39.2325, 59.1251,
21.7850

■ 35.8787, 57.5064,
16.6439

■ 33.1529, 56.1801,
12.9541

■ 31.0098, 55.1259,
10.5649

■ 29.3963, 54.3206,
9.2930

Harmonies

Analogous

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



67.8898, 72.1784, 71.4624



66.7168, 72.1784, 73.3663



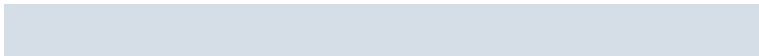
66.0536, 72.1784, 76.7040

Triad

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



66.7168, 72.1784, 73.3663



67.9417, 72.1784, 86.2191



71.2036, 72.1784, 76.5570

Complementary

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



66.7168, 72.1784, 73.3663



66.6316, 68.1339, 79.4551

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.



71.2180, 72.1784, 80.5067



66.7168, 72.1784, 73.3663



69.3220, 72.1784, 86.1765

Square

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



66.7168, 72.1784, 73.3663



66.7543, 72.1784, 84.1705



70.5252, 72.1784, 84.0560



70.4863, 72.1784, 73.2618

Rectangle

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



66.7168, 72.1784, 73.3663



65.9841, 72.1784, 79.3349



70.5252, 72.1784, 84.0560



71.2911, 72.1784, 77.8498

Sweetspot

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



66.7188, 72.1815, 73.3679



93.9883, 99.4998, 106.7215



68.0378, 71.6816, 73.2019



20.1286, 21.3023, 22.8657



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.



66.7188, 72.1815, 73.3679



89.8562, 97.5519, 98.2949



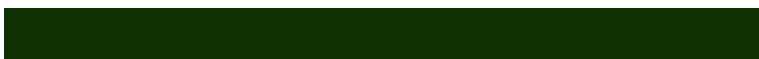
66.0962, 71.8310, 74.6727



14.5123, 15.8181, 15.7794



16.9710, 31.7814, 5.2400



1.2648, 2.2485, 0.3673

Inverse Universe

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



66.6316, 68.1339, 79.4551



89.7241, 91.4153, 107.5237



67.2795, 68.4989, 78.0854



14.4882, 14.6997, 17.4614



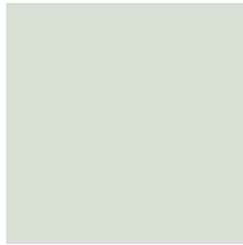
16.0275, 7.3578, 41.6238



1.2000, 0.5559, 2.8893

Previews

White Background



This preview shows how the XYZ color 66.7168, 72.1784, 73.3663 looks on a white background.

Color Contrast Check

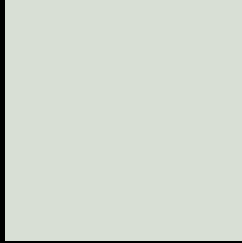
Large Text (above 18pt) WCAG AA × Fail

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 66.7168, 72.1784, 73.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

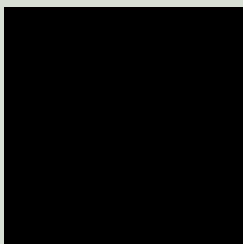
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

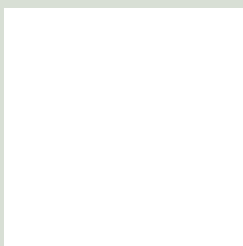
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7168, 72.1784, 73.3663

Background



This preview shows how black text looks on a background with the XYZ color 66.7168, 72.1784, 73.3663.

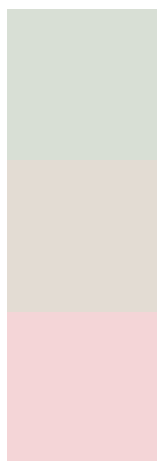


This preview shows how white text looks on a background with the XYZ color 66.7168, 72.1784,

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

66.7168, 72.1784, 73.3663

Protanopia

69.0296, 72.2204, 71.9297

Deuteranopia

73.3682, 71.7279, 74.2679



Tritanopia

70.1328, 71.9931, 90.3204

Trichromacy



Original Color

66.7168, 72.1784, 73.3663

Protanomaly

68.1715, 72.1543, 72.6215

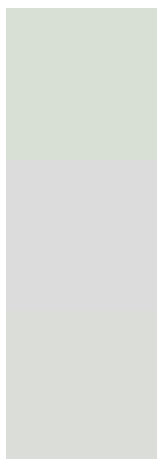
Deuteranomaly

70.8821, 71.9732, 73.7746

Tritanomaly

68.8102, 71.8479, 83.6401

Monochromacy



Original Color

66.7168, 72.1784, 73.3663

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.5943, 71.7827, 75.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7168, 72.1784, 73.3663 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(216, 223, 213) looks like.

```
.text, #text, p{  
    color:rgb(216, 223, 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(216, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 223, 213) }
```

Border

The CSS property to change the border of an element to XYZ 66.7168, 72.1784, 73.3663 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(216, 223, 213) }
```


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

```
.border{ border-color:rgb(216, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 223,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7168, 72.1784, 73.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 223, 213) }
```

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

```
.background{ background-color: rgb(216,  
223, 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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