

Converting Colors

XYZ(66.4028, 71.2715, 71.2297)

Have a look what the booklet for XYZ(66.4028, 71.2715, 71.2297) contains.

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Color

**XYZ(66.4028, 71.2715,
71.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	DADDD2
RGB	218, 221, 210
RGB Percent	85%, 87%, 82%
CMY	0.1451, 0.1333, 0.1765
CMYK	0.01, 0.00, 0.05, 0.13
HSL	76°, 14%, 85%
HSV	76°, 5%, 87%
XYZ	66.4028, 71.2715, 71.2297
YIQ	218.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

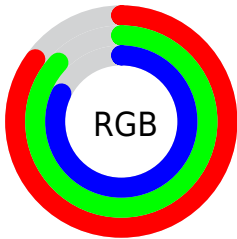
Format	Color
R _Y B	210, 221, 213
Decimal	14343634
CIE Lab	87.62, -2.96, 5.03
CIE LCh	88, 5.838, 120.485
Yxy	71.2715, 0.3179, 0.3412
Android (android.graphics.Color)	4292533714 (0xFFDADD2)
YUV	218.8490, -4.3626, -0.7446
Hunter-Lab	84.4224, -7.3394, 9.0710

Details

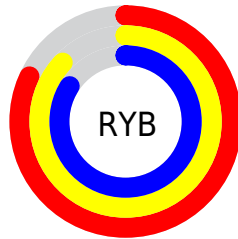
The XYZ color **66.4028, 71.2715, 71.2297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5410, 65.4616, 77.6967**, and the grayscale version is **67.2575, 70.7601, 77.0577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7412, 37.4593, 36.8518** is the 20% darker color. If you saturate the color by 10%, you get **62.0665, 69.3346, 57.6327**, and if you desaturate by 10%, it is **71.1890, 73.4005, 86.8356**.

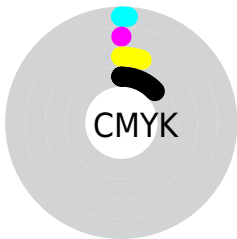
Distribution



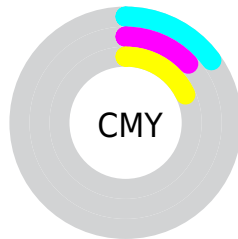
- Red (85%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4028, 71.2715, 71.2297 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 66.4028, 71.2715, 71.2297 by changing the saturation by 10% instead.

■ 66.4028, 71.2715,
71.2297

■ 66.4028, 71.2715,
71.2297

437.2820,
465.0020, 483.7613

■ 48.8684, 52.5638,
52.0467

113.1188,
121.0202, 122.6582

■ 34.7292, 37.4547,
36.6598

143.0311,
152.8300, 155.7409

■ 23.6199, 25.5597,
24.6505

177.8000,
189.7760, 194.2937

■ 15.1751, 16.4945,
15.6002

217.7910,
232.2425, 238.7354

■ 9.0295, 9.8748,
9.0904

263.3693,
280.6140, 289.4845

■ 4.8177, 5.3160,
4.7026

314.9003,

■ 2.1743, 2.4338,

335.2748, 346.9595

2.0182

372.7495,
396.6093, 411.5789

■ 0.7292, 0.8432,
0.5664

■ 0.0000, 0.0000,
0.0000

■ 66.4028, 71.2715,
71.2297

■ 66.4028, 71.2715,
71.2297

■ 62.0665, 69.3346,
57.6327

■ 71.1890, 73.4005,
86.8356

■ 58.1581, 67.5741,
45.9584

■ 76.4346, 75.7187,
104.5228

■ 54.6622, 65.9860,
36.1211

■ 78.5334, 76.7858,
105.2897

■ 51.5604, 64.5629,
28.0269

■ 80.5718, 77.8367,
105.3851

■ 48.8325, 63.2967,
21.5735

■ 82.6785, 78.9227,
105.4837

■ 46.4563, 62.1782,
16.6482

■ 84.8542, 80.0444,
105.5855

■ 44.4070, 61.1977,
13.1238

■ 85.1479, 80.1957,
105.5993

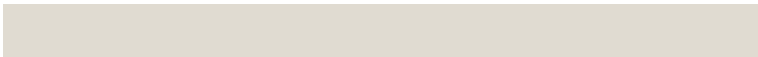
■ 42.6558, 60.3433,
10.8526

■ 41.1675, 59.6011,
9.6540

Harmonies

Analogous

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



67.7190, 71.2715, 70.2414



66.4028, 71.2715, 71.2297



65.4561, 71.2715, 73.9148

Triad

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



66.4028, 71.2715, 71.2297



66.4412, 71.2715, 84.4126



70.4325, 71.2715, 77.5382

Complementary

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



66.4028, 71.2715, 71.2297



63.5410, 65.4616, 77.6967

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.



70.0794, 71.2715, 81.4110



66.4028, 71.2715, 71.2297



67.7639, 71.2715, 85.4609

Square

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



66.4028, 71.2715, 71.2297



65.4780, 71.2715, 81.5261



69.0979, 71.2715, 84.3446



70.0564, 71.2715, 73.8069

Rectangle

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



66.4028, 71.2715, 71.2297



65.1553, 71.2715, 76.3517



69.0979, 71.2715, 84.3446



70.3950, 71.2715, 78.8669

Sweetspot

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



66.4048, 71.2746, 71.2312



94.3865, 99.7051, 106.7401



65.2316, 67.5825, 70.5804



20.2096, 21.3441, 22.8695



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.



66.4048, 71.2746, 71.2312



91.1637, 98.2699, 96.3678



64.8066, 70.4507, 71.1565



14.0656, 15.1956, 14.7554



23.6340, 34.4813, 5.4099



1.6122, 2.2757, 0.3543

Inverse Universe

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



63.5410, 65.4616, 77.6967



86.3873, 88.5747, 107.1513



65.1434, 66.2877, 77.7717



13.2613, 13.5631, 16.5711



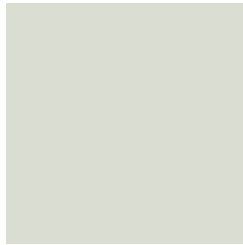
8.7694, 3.6450, 39.9798



0.6503, 0.2785, 2.5939

Previews

White Background



This preview shows how the XYZ color 66.4028, 71.2715, 71.2297 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 66.4028, 71.2715, 71.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

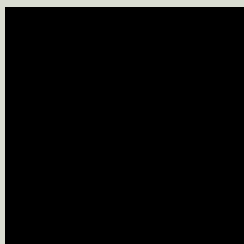
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

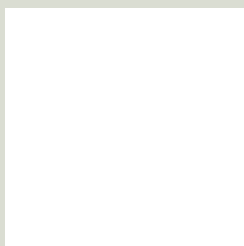
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4028, 71.2715, 71.2297

Background



This preview shows how black text looks on a background with the XYZ color 66.4028, 71.2715, 71.2297.

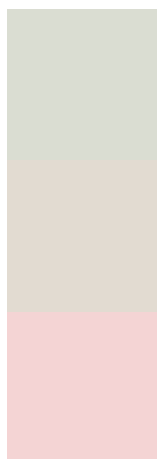


This preview shows how white text looks on a background with the XYZ color 66.4028, 71.2715, 71.2297.

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

66.4028, 71.2715, 71.2297

Protanopia

68.2042, 71.4352, 70.5152

Deuteranopia

72.7354, 71.0735, 72.1724



Tritanopia

69.7883, 71.0958, 87.8865

Trichromacy



Original Color

66.4028, 71.2715, 71.2297

Protanomaly

67.5332, 71.4778, 70.5588

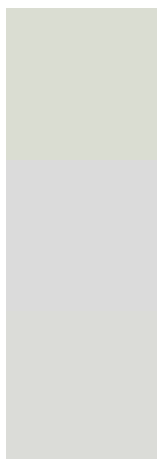
Deuteranomaly

70.3193, 70.9662, 71.6196

Tritanomaly

68.4808, 70.9512, 81.3198

Monochromacy



Original Color

66.4028, 71.2715, 71.2297

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2013, 71.2043, 75.1677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4028, 71.2715, 71.2297 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(218, 221, 210) looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 210)  
}
```

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(218, 221, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.4028, 71.2715, 71.2297 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(218, 221, 210) }
```


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

```
.border{ border-color:rgb(218, 221, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 221, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4028, 71.2715, 71.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 210) }
```

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

```
.background{ background-color: rgb(218,  
221, 210) }
```

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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