

Converting Colors

XYZ(67.5557, 71.6301, 73.7318)

Have a look what the booklet for
XYZ(67.5557, 71.6301, 73.7318)
contains.

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Color

**XYZ(67.8128, 71.9401,
73.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDD6
RGB	221, 221, 214
RGB Percent	87%, 87%, 84%
CMY	0.1333, 0.1333, 0.1608
CMYK	0.00, 0.00, 0.03, 0.13
HSL	60°, 9%, 85%
HSV	60°, 3%, 87%
XYZ	67.8128, 71.9401, 73.9300
YIQ	220.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

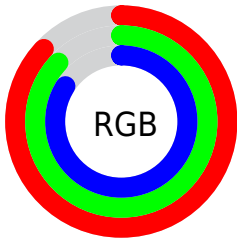
Format	Color
R_{YB}	214, 221, 214
Decimal	14540246
CIE _{Lab}	87.94, -1.24, 3.42
CIE _{LCh}	88, 3.637, 109.858
Yxy	71.9401, 0.3174, 0.3367
Android (android.graphics.Color)	4292730326 (0xFFDDDDD6)
YUV	220.2020, -3.0576, 0.6998
Hunter-Lab	84.8175, -5.7174, 7.6930

Details

The XYZ color **67.8128, 71.9401, 73.9300** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8321, 67.6117, 78.0437**, and the grayscale version is **68.1898, 71.7410, 78.1259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6201, 37.8826, 38.2356** is the 20% darker color. If you saturate the color by 10%, you get **65.1763, 70.8873, 60.0591**, and if you desaturate by 10%, it is **70.8363, 73.1523, 89.8210**.

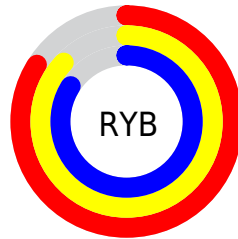
Distribution



Red (87%)

Green (87%)

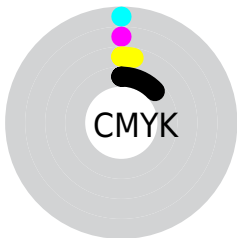
Blue (84%)



Red (84%)

Yellow (87%)

Blue (84%)

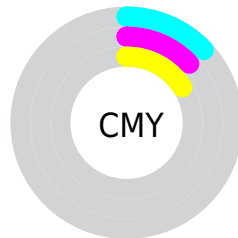


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8128, 71.9401, 73.9300 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 67.8128, 71.9401, 73.9300 by changing the saturation by 10% instead.

■ 67.8128, 71.9401,
73.9300

■ 67.8128, 71.9401,
73.9300

442.2196,
467.3331, 493.3887

■ 50.0186, 53.1097,
54.2403

115.1277,
121.9714, 126.5297

■ 35.6460, 37.8904,
38.3993

145.3790,
153.9411, 160.2768

■ 24.3298, 25.8976,
25.9885

180.5135,
191.0593, 199.5468

■ 15.7045, 16.7471,
16.5894

220.8964,
233.7106, 244.7581

■ 9.4048, 10.0543,
9.7833

266.8931,
282.2792, 296.3295

■ 5.0654, 5.4350,
5.1518

318.8690,

■ 2.3208, 2.5047,

337.1495, 354.6793

2.2763

377.1894,
398.7060, 420.2262

■ 0.8053, 0.8790,
0.7179

■ 0.0000, 0.0000,
0.0000

■ 67.8128, 71.9401,
73.9300

■ 67.8128, 71.9401,
73.9300

■ 65.1763, 70.8873,
60.0591

■ 70.8363, 73.1523,
89.8210

■ 62.9056, 69.9786,
48.1230

■ 73.7353, 74.3123,
105.0652

■ 60.9862, 69.2103,
38.0372

■ 73.7394, 74.3145,
105.0654

■ 59.4006, 68.5756,
29.7091

■ 73.7435, 74.3166,
105.0656

■ 58.1297, 68.0668,
23.0381

■ 73.7477, 74.3187,
105.0658

■ 57.1524, 67.6754,
17.9135

■ 73.7518, 74.3209,
105.0660

■ 56.4453, 67.3921,
14.2113

■ 73.7559, 74.3230,
105.0662

■ 55.9810, 67.2059,
11.7881

■ 73.7601, 74.3251,
105.0664

■ 55.7268, 67.1037,
10.4708

■ 73.7642, 74.3273,
105.0665

Harmonies

Analogous

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



68.6706, 71.9401, 73.7290



67.8128, 71.9401, 73.9300



67.1118, 71.9401, 75.2959

Triad

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



67.8128, 71.9401, 73.9300



67.3089, 71.9401, 82.0332



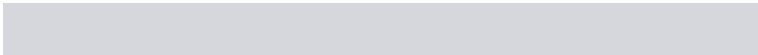
70.0293, 71.9401, 79.1734

Complementary

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



67.8128, 71.9401, 73.9300



64.8321, 67.6117, 78.0437

Split Complementary

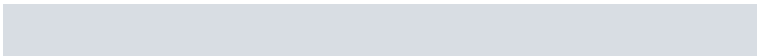
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6578, 71.9401, 81.4456



67.8128, 71.9401, 73.9300



68.0841, 71.9401, 83.1196

Square

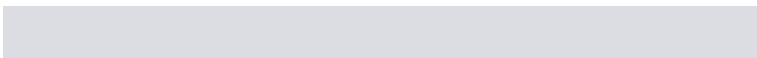
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8128, 71.9401, 73.9300



66.8226, 71.9401, 79.9618



68.9441, 71.9401, 82.9023



69.9551, 71.9401, 76.7217

Rectangle

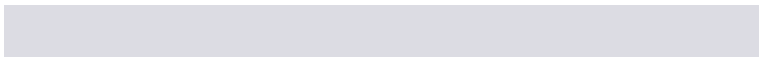
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8128, 71.9401, 73.9300



66.8254, 71.9401, 76.6997



68.9441, 71.9401, 82.9023



69.9523, 71.9401, 79.9843

Sweetspot

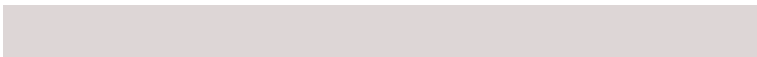
The Sweet Spot groups the original color and five complimentary colors.



67.8148, 71.9432, 73.9316



94.6415, 99.8365, 106.7520



66.0052, 68.3220, 73.3280



20.2615, 21.3709, 22.8720



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.



67.8148, 71.9432, 73.9316



93.4486, 99.3592, 100.4792



66.7608, 71.3999, 73.8822



14.4320, 15.3717, 15.3478



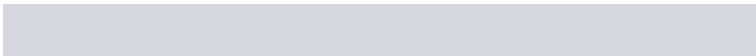
32.3190, 38.9585, 5.8164



2.0940, 2.5241, 0.3768

Inverse Universe

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



64.8321, 67.6117, 78.0437



88.2306, 91.7815, 107.6731



65.8640, 68.1436, 78.0920



13.4914, 14.0059, 16.6445



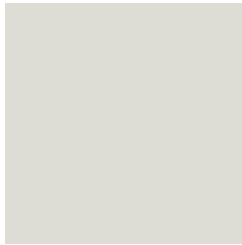
7.5829, 3.0333, 39.9242



0.4915, 0.1967, 2.5865

Previews

White Background



This preview shows how the XYZ color 67.8128, 71.9401, 73.9300 looks on a white background.

Color Contrast Check

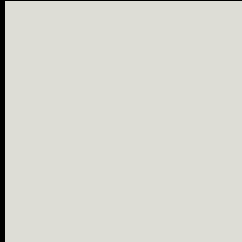
Large Text (above 18pt) WCAG AA × Fail

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 67.8128, 71.9401, 73.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

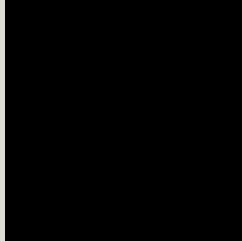
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

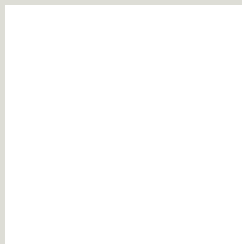
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8128, 71.9401, 73.9300

Background



This preview shows how black text looks on a background with the XYZ color 67.8128, 71.9401, 73.9300.



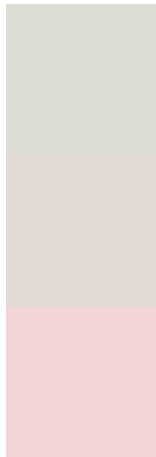
This preview shows how white text looks on a background with the XYZ color 67.8128, 71.9401,

73.9300.

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

67.8128, 71.9401, 73.9300

Protanopia

68.7058, 71.6359, 73.1567

Deuteranopia

73.1511, 71.6011, 74.9307



Tritanopia

70.8073, 71.9883, 88.7604

Trichromacy



Original Color

67.8128, 71.9401, 73.9300

Protanomaly

68.3439, 71.8378, 73.2148

Deuteranomaly

71.0826, 71.6802, 74.3792

Tritanomaly

69.6281, 71.8971, 82.8808

Monochromacy



Original Color

67.8128, 71.9401, 73.9300

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7633, 71.4640, 76.5521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8128, 71.9401, 73.9300 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, 221, 214) looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 214)  
}
```

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, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.8128, 71.9401, 73.9300 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, 221, 214) }
```


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

```
.border{ border-color:rgb(221, 221, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 221, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 221,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8128, 71.9401, 73.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 214) }
```

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

```
.background{ background-color: rgb(221,  
221, 214) }
```

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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