

Converting Colors

XYZ(67.6049, 71.8850, 72.7469)

Have a look what the booklet for
XYZ(67.6049, 71.8850, 72.7469)
contains.

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Color

**XYZ(67.5589, 71.8385,
72.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDD4
RGB	221, 221, 212
RGB Percent	87%, 87%, 83%
CMY	0.1333, 0.1333, 0.1686
CMYK	0.00, 0.00, 0.04, 0.13
HSL	60°, 12%, 85%
HSV	60°, 4%, 87%
XYZ	67.5589, 71.8385, 72.5928
YIQ	219.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

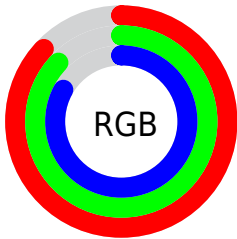
Format	Color
R _Y B	212, 221, 212
Decimal	14540244
CIE Lab	87.89, -1.58, 4.40
CIE LCh	88, 4.679, 109.773
Yxy	71.8385, 0.3187, 0.3389
Android (android.graphics.Color)	4292730324 (0xFFDDDDD4)
YUV	219.9740, -3.9312, 0.8998
Hunter-Lab	84.7576, -6.0463, 8.5499

Details

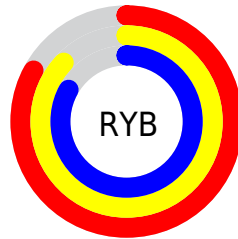
The XYZ color **67.5589, 71.8385, 72.5928** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7487, 66.3064, 77.8488**, and the grayscale version is **68.0362, 71.5794, 77.9500**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4479, 37.8137, 37.3288** is the 20% darker color. If you saturate the color by 10%, you get **64.9575, 70.7999, 58.9006**, and if you desaturate by 10%, it is **70.5460, 73.0360, 88.2980**.

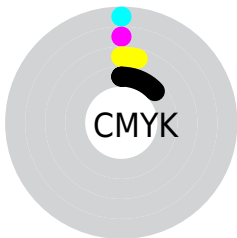
Distribution



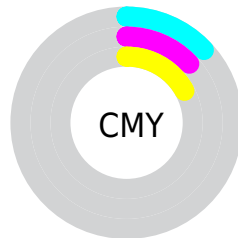
- Red (87%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (83%)



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



- Cyan (13%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5589, 71.8385, 72.5928 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 67.5589, 71.8385, 72.5928 by changing the saturation by 10% instead.

■ 67.5589, 71.8385,
72.5928

■ 67.5589, 71.8385,
72.5928

441.3329,
466.9793, 488.6352

■ 49.8113, 53.0268,
53.1533

114.7663,
121.8269, 124.6145

■ 35.4807, 37.8241,
37.5366

144.9568,
153.7723, 158.0338

■ 24.2016, 25.8462,
25.3242

180.0257,
190.8645, 196.9500

■ 15.6088, 16.7086,
16.0975

220.3383,
233.4877, 241.7818

■ 9.3369, 10.0270,
9.4381

266.2599,
282.0264, 292.9477

■ 5.0204, 5.4168,
4.9273

318.1560,

■ 2.2941, 2.4939,

336.8649, 350.8662

2.1467

376.3919,
398.3878, 415.9559

■ 0.7917, 0.8736,
0.6434

■ 0.0000, 0.0000,
0.0000

■ 67.5589, 71.8385,
72.5928

■ 67.5589, 71.8385,
72.5928

■ 64.9575, 70.7999,
58.9006

■ 70.5460, 73.0360,
88.2980

■ 62.7203, 69.9047,
47.1356

■ 73.7331, 74.3112,
105.0651

■ 60.8330, 69.1494,
37.2128

■ 73.7361, 74.3127,
105.0652

■ 59.2778, 68.5270,
29.0390

■ 73.7391, 74.3143,
105.0654

■ 58.0354, 68.0297,
22.5127

■ 73.7421, 74.3158,
105.0655

■ 57.0848, 67.6491,
17.5223

■ 73.7452, 74.3174,
105.0656

■ 56.4019, 67.3756,
13.9421

■ 73.7482, 74.3190,
105.0658

■ 55.9592, 67.1981,
11.6267

■ 73.7512, 74.3205,
105.0659

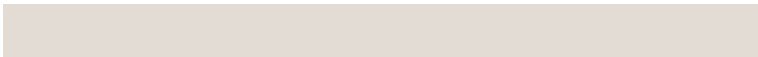
■ 55.7231, 67.1034,
10.3994

■ 73.7542, 74.3221,
105.0661

Harmonies

Analogous

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



68.6610, 71.8385, 72.3419



67.5589, 71.8385, 72.5928



66.6594, 71.8385, 74.3281

Triad

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



67.5589, 71.8385, 72.5928



66.9075, 71.8385, 82.9934



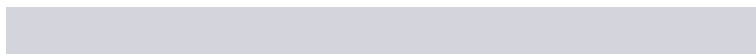
70.4082, 71.8385, 79.3132

Complementary

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



67.5589, 71.8385, 72.5928



63.7487, 66.3064, 77.8488

Split Complementary

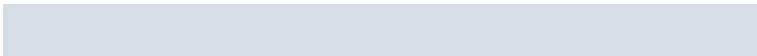
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9274, 71.8385, 82.2453



67.5589, 71.8385, 72.5928



67.9011, 71.8385, 84.4080

Square

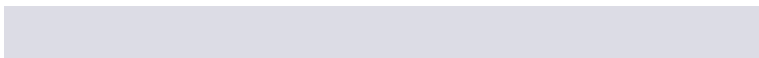
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5589, 71.8385, 72.5928



66.2862, 71.8385, 80.3118



69.0069, 71.8385, 84.1306



70.3141, 71.8385, 76.1647

Rectangle

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



67.5589, 71.8385, 72.5928



66.2918, 71.8385, 76.1199



69.0069, 71.8385, 84.1306



70.3082, 71.8385, 80.3582

Sweetspot

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



67.5609, 71.8416, 72.5944



94.6417, 99.8366, 106.7520



65.2481, 67.2143, 71.8231



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



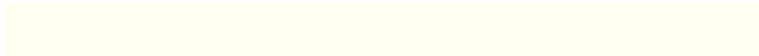
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5609, 71.8416, 72.5944



93.0625, 99.2048, 98.4449



66.2096, 71.1450, 72.5311



14.3766, 15.3496, 15.0557



32.3253, 38.9618, 5.8167



2.0944, 2.5242, 0.3768

Inverse Universe

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



63.7487, 66.3064, 77.8488



86.5824, 89.7957, 107.3767



65.0636, 66.9842, 77.9104



13.2548, 13.7207, 16.6019



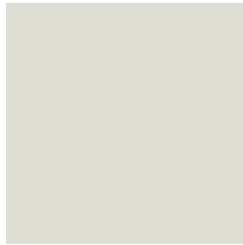
7.5826, 3.0331, 39.9242



0.4914, 0.1966, 2.5865

Previews

White Background



This preview shows how the XYZ color 67.5589, 71.8385, 72.5928 looks on a white background.

Color Contrast Check

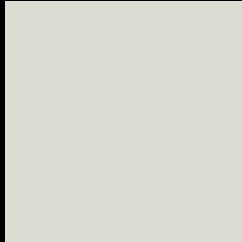
Large Text (above 18pt) WCAG AA × Fail

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 67.5589, 71.8385, 72.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

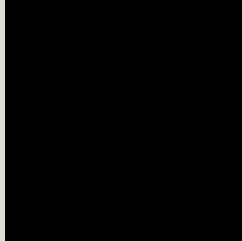
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

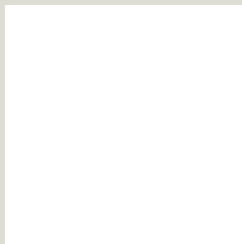
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5589, 71.8385, 72.5928

Background



This preview shows how black text looks on a background with the XYZ color 67.5589, 71.8385, 72.5928.

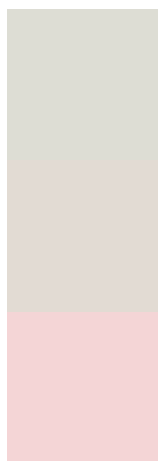


This preview shows how white text looks on a background with the XYZ color 67.5589, 71.8385,

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

67.5589, 71.8385, 72.5928

Protanopia

68.4534, 71.5349, 71.8278

Deuteranopia

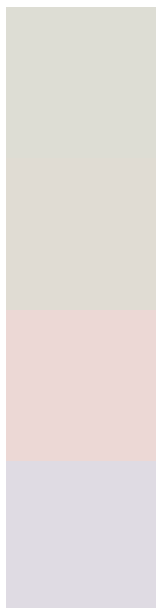
73.2401, 71.6766, 73.5931



Tritanopia

70.8073, 71.9883, 88.7604

Trichromacy



Original Color

67.5589, 71.8385, 72.5928

Protanomaly

68.0915, 71.7368, 71.8858

Deuteranomaly

71.1582, 71.7487, 73.0492

Tritanomaly

69.6281, 71.8971, 82.8808

Monochromacy



Original Color

67.5589, 71.8385, 72.5928

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6328, 71.4118, 75.8649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5589, 71.8385, 72.5928 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, 212) looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 212) }
```

Border

The CSS property to change the border of an element to XYZ 67.5589, 71.8385, 72.5928 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, 212) }
```


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

```
.border{ border-color:rgb(221, 221, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 221,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5589, 71.8385, 72.5928 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, 212) }
```

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

```
.background{ background-color: rgb(221,  
221, 212) }
```

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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