

Converting Colors

XYZ(65.4826, 70.2280, 70.4169)

Have a look what the booklet for
XYZ(65.4826, 70.2280, 70.4169)
contains.

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Color

**XYZ(65.7171, 70.5416,
70.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DCD1
RGB	217, 220, 209
RGB Percent	85%, 86%, 82%
CMY	0.1490, 0.1372, 0.1804
CMYK	0.01, 0.00, 0.05, 0.14
HSL	76°, 14%, 84%
HSV	76°, 5%, 86%
XYZ	65.7171, 70.5416, 70.4738
YIQ	217.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

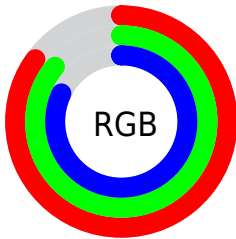
Format	Color
R _Y B	209, 220, 212
Decimal	14277841
CIE Lab	87.26, -2.96, 5.04
CIE LCh	87, 5.843, 120.484
Yxy	70.5416, 0.3179, 0.3412
Android (android.graphics.Color)	4292467921 (0xFFD9DCD1)
YUV	217.8490, -4.3626, -0.7446
Hunter-Lab	83.9890, -7.3138, 9.0431

Details

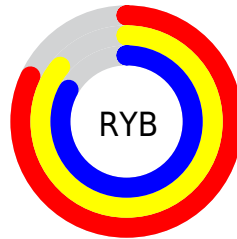
The XYZ color **65.7171, 70.5416, 70.4738** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8729, 64.7672, 76.9014**, and the grayscale version is **66.5665, 70.0331, 76.2661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2718, 36.9582, 36.3377** is the 20% darker color. If you saturate the color by 10%, you get **61.4268, 68.6252, 57.0227**, and if you desaturate by 10%, it is **70.4525, 72.6480, 85.9121**.

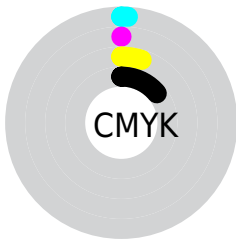
Distribution



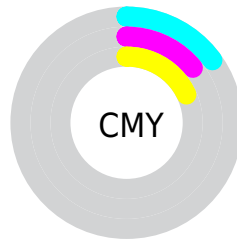
- Red (85%)
- Green (86%)
- Blue (82%)



- Red (82%)
- Yellow (86%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7171, 70.5416, 70.4738 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 65.7171, 70.5416, 70.4738 by changing the saturation by 10% instead.

■ 65.7171, 70.5416,
70.4738

■ 65.7171, 70.5416,
70.4738

434.8691,
462.4494, 481.0459

■ 48.3096, 51.9682,
51.4337

112.1402,
119.9808, 121.5716

■ 34.2844, 36.9797,
36.1748

141.8865,
151.6154, 154.4664

■ 23.2761, 25.1918,
24.2784

176.4765,
188.3725, 192.8166

■ 14.9193, 16.2200,
15.3262

216.2756,
230.6364, 237.0405

■ 8.8487, 9.6800,
8.8995

261.6490,
278.7917, 287.5569

■ 4.6990, 5.1873,
4.5797

312.9621,

■ 2.1047, 2.3576,

333.2227, 344.7842

1.9485

370.5804,
394.3138, 409.1410

■ 0.6918, 0.8039,
0.5233

■ 0.0000, 0.0000,
0.0000

■ 65.7171, 70.5416,
70.4738

■ 65.7171, 70.5416,
70.4738

■ 61.4268, 68.6252,
57.0227

■ 70.4525, 72.6480,
85.9121

■ 57.5598, 66.8833,
45.4736

■ 75.6422, 74.9416,
103.4091

■ 54.1009, 65.3120,
35.7416

■ 77.9123, 76.0749,
105.1852

■ 51.0319, 63.9039,
27.7340

■ 79.9294, 77.1147,
105.2796

■ 48.3327, 62.6510,
21.3495

■ 82.0141, 78.1894,
105.3772

■ 45.9814, 61.5443,
16.4766

■ 84.1670, 79.2993,
105.4780

■ 43.9536, 60.5740,
12.9895

■ 84.8846, 79.6692,
105.5115

■ 42.2206, 59.7285,
10.7421

■ 40.7477, 58.9940,
9.5559

Harmonies

Analogous

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



67.0254, 70.5416, 69.4916



65.7171, 70.5416, 70.4738



64.7761, 70.5416, 73.1423

Triad

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



65.7171, 70.5416, 70.4738



65.7553, 70.5416, 83.5780



69.7228, 70.5416, 76.7439

Complementary

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



65.7171, 70.5416, 70.4738



62.8729, 64.7672, 76.9014

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.



69.3717, 70.5416, 80.5938



65.7171, 70.5416, 70.4738



67.0700, 70.5416, 84.6203

Square

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



65.7171, 70.5416, 70.4738



64.7979, 70.5416, 80.7082



68.3961, 70.5416, 83.5104



69.3489, 70.5416, 73.0352

Rectangle

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



65.7171, 70.5416, 70.4738



64.4772, 70.5416, 75.5645



68.3961, 70.5416, 83.5104



69.6856, 70.5416, 78.0647

Sweetspot

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



65.7191, 70.5446, 70.4753



93.7292, 99.4127, 104.6088



64.5531, 66.8749, 69.8285



20.0758, 21.2846, 22.4355



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.



65.7191, 70.5446, 70.4753



91.1635, 98.2698, 96.3677



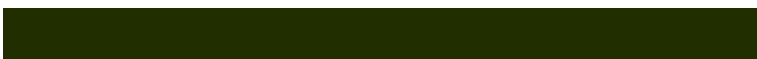
64.1307, 69.7258, 70.4010



14.0655, 15.1956, 14.7554



23.6334, 34.4809, 5.4099



1.6122, 2.2756, 0.3543

Inverse Universe

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



62.8729, 64.7672, 76.9014



86.3874, 88.5748, 107.1513



64.4654, 65.5882, 76.9760



13.2614, 13.5632, 16.5711



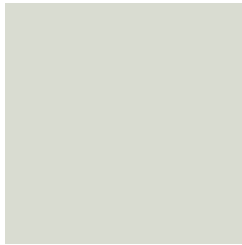
8.7696, 3.6451, 39.9798



0.6503, 0.2785, 2.5939

Previews

White Background



This preview shows how the XYZ color 65.7171, 70.5416, 70.4738 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 65.7171, 70.5416, 70.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

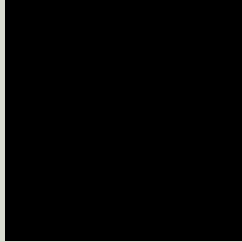
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

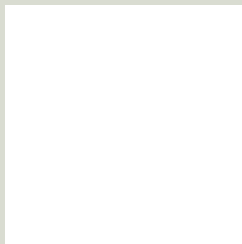
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7171, 70.5416, 70.4738

Background



This preview shows how black text looks on a background with the XYZ color 65.7171, 70.5416, 70.4738.

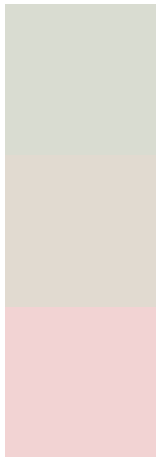


This preview shows how white text looks on a background with the XYZ color 65.7171, 70.5416,

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

65.7171, 70.5416, 70.4738

Protanopia

67.5079, 70.7044, 69.7638

Deuteranopia

71.6701, 70.1689, 71.3946



Tritanopia

69.0826, 70.3671, 87.0320

Trichromacy



Original Color

65.7171, 70.5416, 70.4738

Protanomaly

66.8409, 70.7467, 69.8071

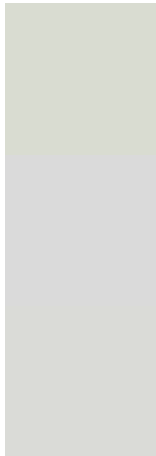
Deuteranomaly

69.2837, 70.0699, 70.8460

Tritanomaly

67.7826, 70.2232, 80.5029

Monochromacy



Original Color

65.7171, 70.5416, 70.4738

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.5107, 70.4748, 74.3875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7171, 70.5416, 70.4738 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(217, 220, 209) looks like.

```
.text, #text, p{  
    color:rgb(217, 220, 209)  
}
```

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(217, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 220, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.7171, 70.5416, 70.4738 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(217, 220, 209) }
```


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

```
.border{ border-color:rgb(217, 220, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 220,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7171, 70.5416, 70.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 220, 209) }
```

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

```
.background{ background-color: rgb(217,  
220, 209) }
```

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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