

Converting Colors

XYZ(65.7808, 71.4838, 64.9753)

Have a look what the booklet for
XYZ(65.7808, 71.4838, 64.9753)
contains.

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Color

**XYZ(65.7600, 71.4728,
64.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDEC8
RGB	219, 222, 200
RGB Percent	86%, 87%, 78%
CMY	0.1412, 0.1294, 0.2157
CMYK	0.01, 0.00, 0.10, 0.13
HSL	68°, 25%, 83%
HSV	68°, 10%, 87%
XYZ	65.7600, 71.4728, 64.9733
YIQ	218.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

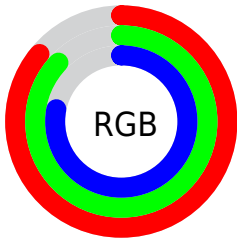
Format	Color
R_{YB}	200, 222, 203
Decimal	14409416
CIE _{Lab}	87.71, -4.82, 10.44
CIE _{LCh}	88, 11.497, 114.775
Yxy	71.4728, 0.3252, 0.3535
Android (android.graphics.Color)	4292599496 (0xFFDBDEC8)
YUV	218.5950, -9.1673, 0.3552
Hunter-Lab	84.5416, -9.1030, 13.6126

Details

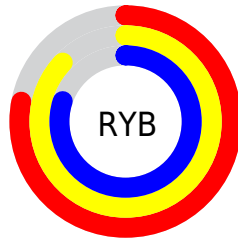
The XYZ color **65.7600, 71.4728, 64.9733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4706, 59.2810, 77.4718**, and the grayscale version is **67.1120, 70.6070, 76.8911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3169, 37.6053, 32.6440** is the 20% darker color. If you saturate the color by 10%, you get **62.4485, 70.0461, 52.2438**, and if you desaturate by 10%, it is **69.4688, 73.0650, 79.6910**.

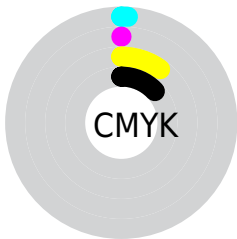
Distribution



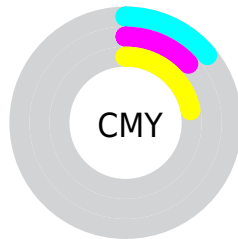
- Red (86%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7600, 71.4728, 64.9733 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 65.7600, 71.4728, 64.9733 by changing the saturation by 10% instead.

■ 65.7600, 71.4728,
64.9733

■ 65.7600, 71.4728,
64.9733

435.0202,
465.7045, 460.9996

■ 48.3446, 52.7281,
46.9882

112.2014,
121.3067, 113.6244

■ 34.3122, 37.5858,
32.6721

141.9582,
153.1647, 145.1275

■ 23.2976, 25.6614,
21.6063

176.5594,
190.1626, 181.9736

■ 14.9353, 16.5705,
13.3724

216.3705,
232.6848, 224.5814

■ 8.8600, 9.9287,
7.5517

261.7567,
281.1157, 273.3694

■ 4.7064, 5.3517,
3.7258

313.0835,

■ 2.1090, 2.4551,

335.8397, 328.7560

1.4762

370.7163,
397.2412, 391.1599

■ 0.6941, 0.8540,
0.2001

■ 0.0000, 0.0000,
0.0000

■ 65.7600, 71.4728,
64.9733

■ 65.7600, 71.4728,
64.9733

■ 62.4485, 70.0461,
52.2438

■ 69.4688, 73.0650,
79.6910

■ 59.5122, 68.7691,
41.4126

■ 73.5844, 74.8195,
96.4723

■ 56.9357, 67.6379,
32.3901

■ 76.1980, 75.9751,
105.2563

■ 54.7001, 66.6449,
25.0773

■ 77.1688, 76.4756,
105.3018

■ 52.7847, 65.7819,
19.3661

■ 78.1566, 76.9848,
105.3480

■ 51.1665, 65.0397,
15.1357

■ 79.1614, 77.5028,
105.3950

■ 49.8194, 64.4077,
12.2484

■ 80.1834, 78.0297,
105.4429

■ 48.7121, 63.8735,
10.5407

■ 81.2225, 78.5654,
105.4915

■ 47.7903, 63.4154,
9.7272

■ 82.2789, 79.1100,
105.5409

Harmonies

Analogous

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



68.4111, 71.4728, 63.8106



65.7600, 71.4728, 64.9733



63.7406, 71.4728, 69.4812

Triad

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



65.7600, 71.4728, 64.9733



64.9544, 71.4728, 90.7387



73.2869, 71.4728, 79.1966

Complementary

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



65.7600, 71.4728, 64.9733



58.4706, 59.2810, 77.4718

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.



72.3048, 71.4728, 86.8043



65.7600, 71.4728, 64.9733



67.4566, 71.4728, 93.7469

Square

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



65.7600, 71.4728, 64.9733



63.2843, 71.4728, 84.2829



70.1528, 71.4728, 92.2613



72.8034, 71.4728, 71.6995

Rectangle

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



65.7600, 71.4728, 64.9733



63.0001, 71.4728, 73.9462



70.1528, 71.4728, 92.2613



73.1164, 71.4728, 81.8304

Sweetspot

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



65.7619, 71.4759, 64.9748



93.4593, 99.3194, 102.5239



61.8922, 62.3821, 63.4235



19.9150, 21.2203, 21.5889



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.



65.7619, 71.4759, 64.9748



88.9882, 97.3996, 84.9156



62.5803, 69.8357, 64.8259



14.6781, 15.9297, 14.6079



28.4500, 37.6990, 5.7772



2.0235, 2.6396, 0.4029

Inverse Universe

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



58.4706, 59.2810, 77.4718



76.9921, 77.3353, 105.4770



61.5536, 60.8703, 77.6161



13.1252, 13.3326, 17.2694



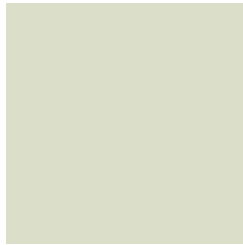
8.2089, 3.3271, 41.2579



0.6257, 0.2598, 2.8624

Previews

White Background



This preview shows how the XYZ color 65.7600, 71.4728, 64.9733 looks on a white background.

Color Contrast Check

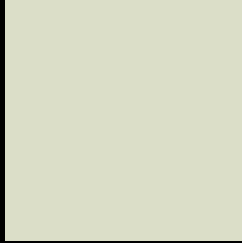
Large Text (above 18pt) WCAG AA × Fail

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 65.7600, 71.4728, 64.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

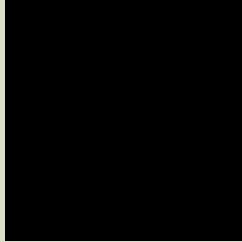
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

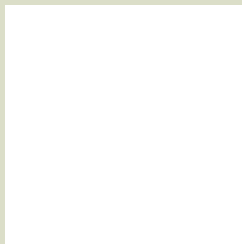
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7600, 71.4728, 64.9733

Background



This preview shows how black text looks on a background with the XYZ color 65.7600, 71.4728, 64.9733.

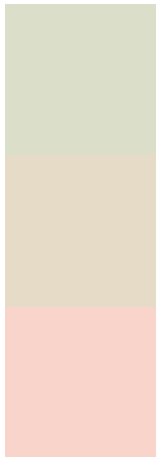


This preview shows how white text looks on a background with the XYZ color 65.7600, 71.4728,

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

65.7600, 71.4728, 64.9733

Protanopia

67.8377, 71.3983, 63.6319

Deuteranopia

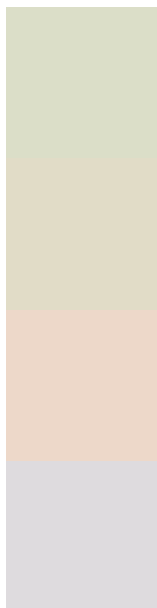
72.9156, 71.3077, 65.7978



Tritanopia

70.4046, 71.4135, 87.9154

Trichromacy



Original Color

65.7600, 71.4728, 64.9733

Protanomaly

66.9533, 71.3175, 64.2697

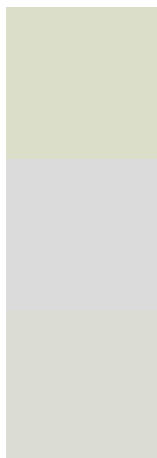
Deuteranomaly

70.0235, 71.3333, 65.3364

Tritanomaly

68.6405, 71.4666, 79.2839

Monochromacy



Original Color

65.7600, 71.4728, 64.9733

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6903, 70.9999, 72.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7600, 71.4728, 64.9733 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(219, 222, 200) looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 200)  
}
```

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(219, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.7600, 71.4728, 64.9733 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(219, 222, 200) }
```


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

```
.border{ border-color:rgb(219, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 222, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 222, 200); box-shadow:4px 4px 4px 4px rgb(219, 222, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7600, 71.4728, 64.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 200) }
```

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

```
.background{ background-color: rgb(219,  
222, 200) }
```

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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