

Converting Colors

XYZ(65.8222, 72.3890, 74.0205)

Have a look what the booklet for
XYZ(65.8222, 72.3890, 74.0205)
contains.

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Color

**XYZ(65.9268, 72.5544,
74.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E1D6
RGB	211, 225, 214
RGB Percent	83%, 88%, 84%
CMY	0.1725, 0.1176, 0.1608
CMYK	0.06, 0.00, 0.05, 0.12
HSL	133°, 19%, 85%
HSV	133°, 6%, 88%
XYZ	65.9268, 72.5544, 74.1480
YIQ	219.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

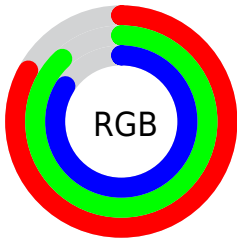
Format	Color
R _Y B	211, 223, 225
Decimal	13885910
CIE Lab	88.23, -6.69, 3.76
CIE LCh	88, 7.671, 150.676
Yxy	72.5544, 0.3101, 0.3412
Android (android.graphics.Color)	4292075990 (0xFFD3E1D6)
YUV	219.5600, -2.7411, -7.5071
Hunter-Lab	85.1789, -10.9075, 8.0134

Details

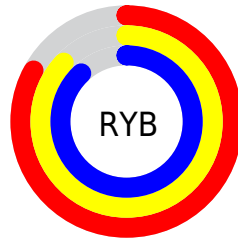
The XYZ color **65.9268, 72.5544, 74.1480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5331, 67.8719, 78.6520**, and the grayscale version is **67.7436, 71.2715, 77.6147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3430, 38.3206, 38.3874** is the 20% darker color. If you saturate the color by 10%, you get **57.7898, 68.6086, 62.6136**, and if you desaturate by 10%, it is **75.2153, 77.0696, 87.0187**.

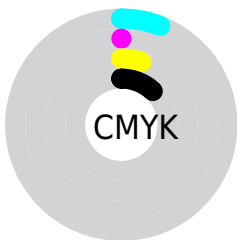
Distribution



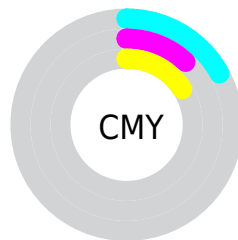
- Red (83%)
- Green (88%)
- Blue (84%)



- Red (83%)
- Yellow (87%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9268, 72.5544, 74.1480 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 65.9268, 72.5544, 74.1480 by changing the saturation by 10% instead.

■ 65.9268, 72.5544,
74.1480

■ 65.9268, 72.5544,
74.1480

435.6078,
469.4690, 494.1611

■ 48.4805, 53.6117,
54.4177

112.4396,
122.8444, 126.8416

■ 34.4204, 38.2913,
38.5402

142.2367,
154.9605, 160.6419

■ 23.3811, 26.2089,
26.0972

176.8815,
192.2365, 199.9692

■ 14.9974, 16.9799,
16.6699

216.7394,
235.0568, 245.2422

■ 8.9039, 10.2202,
9.8400

262.1755,
283.8058, 296.8794

■ 4.7352, 5.5452,
5.1888

313.5554,

■ 2.1259, 2.5706,

338.8679, 355.2992

2.2978

371.2444,
400.6275, 420.9202

■ 0.7032, 0.9119,
0.7300

■ 0.0000, 0.0000,
0.0000

■ 65.9268, 72.5544,
74.1480

■ 65.9268, 72.5544,
74.1480

■ 57.7898, 68.6086,
62.6136

■ 75.2153, 77.0696,
87.0187

■ 50.7531, 65.2005,
52.3680

■ 85.3220, 81.9754,
101.2445

■ 44.7707, 62.3095,
43.3677

■ 86.2166, 82.3333,
105.9555

■ 39.7910, 59.9099,
35.5651

■ 35.7579, 57.9739,
28.9095

■ 32.6096, 56.4707,
23.3467

■ 30.2769, 55.3660,
18.8178

■ 28.6797, 54.6198,
15.2584

■ 27.7197, 54.1828,
12.5969

Harmonies

Analogous

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



67.1744, 72.5544, 70.6145



65.9268, 72.5544, 74.1480



65.4888, 72.5544, 79.1188

Triad

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



65.9268, 72.5544, 74.1480



69.0025, 72.5544, 89.5525



72.0435, 72.5544, 73.9500

Complementary

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



65.9268, 72.5544, 74.1480



67.5331, 67.8719, 78.6520

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.



72.5534, 72.5544, 78.8801



65.9268, 72.5544, 74.1480



70.7786, 72.5544, 88.0231

Square

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



65.9268, 72.5544, 74.1480



67.2453, 72.5544, 88.1514



72.0864, 72.5544, 84.0579



70.7052, 72.5544, 70.5038

Rectangle

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



65.9268, 72.5544, 74.1480



65.7086, 72.5544, 82.6253



72.0864, 72.5544, 84.0579



72.3185, 72.5544, 75.4812

Sweetspot

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



65.9288, 72.5575, 74.1496



92.5599, 98.7901, 105.4507



68.8716, 74.1184, 72.3053



19.8377, 21.1578, 22.6070



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.



65.9288, 72.5575, 74.1496



86.6085, 95.8997, 97.1446



66.8161, 72.9124, 78.8218



13.9929, 15.5523, 15.6686



15.8605, 31.1690, 6.9884



1.1323, 2.1736, 0.6580

Inverse Universe

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



67.5331, 67.8719, 78.6520



89.0080, 88.8914, 103.8787



66.6394, 67.5144, 73.9459



14.4097, 14.3348, 16.8385



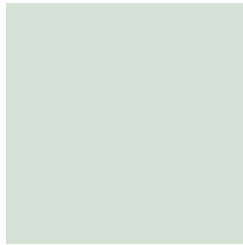
22.4991, 11.0666, 25.0918



1.5912, 0.7798, 1.9063

Previews

White Background



This preview shows how the XYZ color 65.9268, 72.5544, 74.1480 looks on a white background.

Color Contrast Check

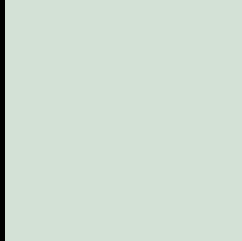
Large Text (above 18pt) WCAG AA × Fail

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 65.9268, 72.5544, 74.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

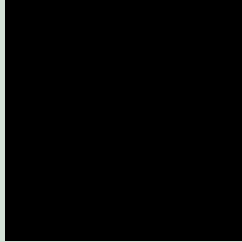
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

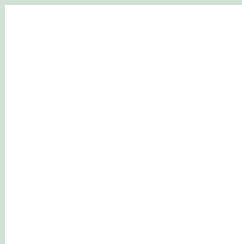
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9268, 72.5544, 74.1480

Background



This preview shows how black text looks on a background with the XYZ color 65.9268, 72.5544, 74.1480.



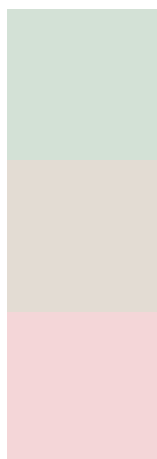
This preview shows how white text looks on a background with the XYZ color 65.9268, 72.5544,

74.1480.

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

65.9268, 72.5544, 74.1480

Protanopia

69.0296, 72.2204, 71.9297

Deuteranopia

73.7495, 72.2841, 75.0310



Tritanopia

69.4608, 72.3920, 91.9734

Trichromacy



Original Color

65.9268, 72.5544, 74.1480

Protanomaly

67.8237, 72.3682, 72.6811

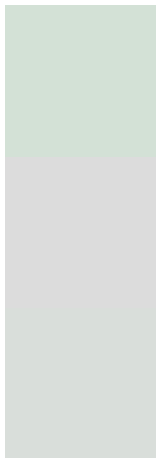
Deuteranomaly

70.6159, 72.2049, 74.5051

Tritanomaly

68.1358, 72.2519, 85.2178

Monochromacy



Original Color

65.9268, 72.5544, 74.1480

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3914, 72.0562, 76.6860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9268, 72.5544, 74.1480 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(211, 225, 214) looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 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(211, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.9268, 72.5544, 74.1480 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(211, 225, 214) }
```


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

```
.border{ border-color:rgb(211, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9268, 72.5544, 74.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 214) }
```

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

```
.background{ background-color: rgb(211,  
225, 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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