

Converting Colors

XYZ(64.5531, 69.6474, 71.3592)

Have a look what the booklet for
XYZ(64.5531, 69.6474, 71.3592)
contains.

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Color

**XYZ(64.5300, 69.5123,
71.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DBD3
RGB	213, 219, 211
RGB Percent	84%, 86%, 83%
CMY	0.1647, 0.1412, 0.1725
CMYK	0.03, 0.00, 0.04, 0.14
HSL	105°, 10%, 84%
HSV	105°, 4%, 86%
XYZ	64.5300, 69.5123, 71.6441
YIQ	216.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

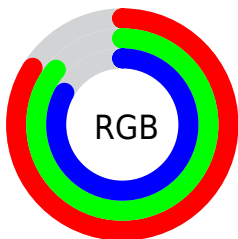
Format	Color
R _Y B	211, 219, 217
Decimal	14015443
CIE Lab	86.76, -3.47, 3.21
CIE LCh	87, 4.726, 137.182
Yxy	69.5123, 0.3137, 0.3380
Android (android.graphics.Color)	4292205523 (0xFFD5DBD3)
YUV	216.2940, -2.6099, -2.8888
Hunter-Lab	83.3740, -7.7488, 7.4134

Details

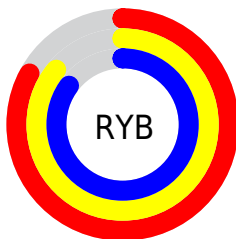
The XYZ color **64.5300, 69.5123, 71.6441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6983, 66.4565, 76.4388**, and the grayscale version is **65.4901, 68.9006, 75.0328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4618, 36.2543, 37.1324** is the 20% darker color. If you saturate the color by 10%, you get **57.4437, 66.1571, 57.9436**, and if you desaturate by 10%, it is **72.4771, 73.2720, 87.3404**.

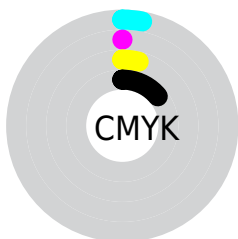
Distribution



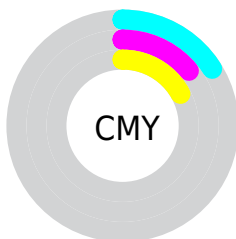
- Red (84%)
- Green (86%)
- Blue (83%)



- Red (83%)
- Yellow (86%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5300, 69.5123, 71.6441 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 64.5300, 69.5123, 71.6441 by changing the saturation by 10% instead.

■ 64.5300, 69.5123,
71.6441

■ 64.5300, 69.5123,
71.6441

430.6730,
458.8357, 485.2461

■ 47.3434, 51.1290,
52.3829

110.4433,
118.5130, 123.2534

■ 33.5163, 36.3113,
36.9261

139.9008,
149.8992, 156.4386

■ 22.6833, 24.6747,
24.8549

174.1791,
186.3886, 195.1023

■ 14.4793, 15.8349,
15.7510

213.6439,
228.3654, 239.6629

■ 8.5387, 9.4074,
9.1957

258.6602,
276.2142, 290.5391

■ 4.4962, 5.0078,
4.7705

309.5937,

■ 1.9865, 2.2519,

330.3192, 348.1493

2.0569

366.8095,
391.0649, 412.9121

■ 0.6264, 0.7481,
0.5899

■ 0.0000, 0.0000,
0.0000

■ 64.5300, 69.5123,
71.6441

■ 64.5300, 69.5123,
71.6441

■ 57.4437, 66.1571,
57.9436

■ 72.4771, 73.2720,
87.3404

■ 51.1830, 63.1840,
46.1546

■ 81.3069, 77.4399,
105.1032

■ 45.7187, 60.5819,
36.1934

■ 84.6228, 79.1457,
105.4243

■ 41.0180, 58.3358,
27.9683

■ 37.0453, 56.4295,
21.3800

■ 33.7623, 54.8457,
16.3187

■ 31.1268, 53.5653,
12.6614

■ 29.0915, 52.5669,
10.2660

■ 27.6015, 51.8262,
8.9605

Harmonies

Analogous

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



65.4465, 69.5123, 70.0461



64.5300, 69.5123, 71.6441



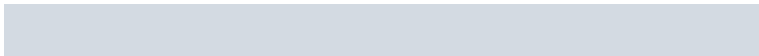
64.0283, 69.5123, 74.3511

Triad

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



64.5300, 69.5123, 71.6441



65.6012, 69.5123, 81.7487



68.1108, 69.5123, 73.9117

Complementary

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



64.5300, 69.5123, 71.6441



64.6983, 66.4565, 76.4388

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.



68.1533, 69.5123, 77.0390



64.5300, 69.5123, 71.6441



66.6961, 69.5123, 81.6231

Square

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



64.5300, 69.5123, 71.6441



64.6422, 69.5123, 80.2179



67.6330, 69.5123, 79.8794



67.5174, 69.5123, 71.3302

Rectangle

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



64.5300, 69.5123, 71.6441



63.9930, 69.5123, 76.4469



67.6330, 69.5123, 79.8794



68.1902, 69.5123, 74.9323

Sweetspot

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



64.5319, 69.5153, 71.6456



93.9419, 99.4759, 106.7193



65.7869, 69.3920, 71.5557



20.1191, 21.2975, 22.8653



0.0000, 0.0000, 0.0000



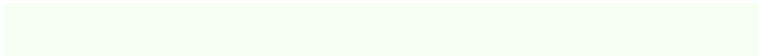
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5319, 69.5153, 71.6456



90.6919, 97.9380, 100.3502



64.2078, 69.3190, 72.9482



13.9345, 15.1153, 15.3245



16.0307, 30.5616, 5.0541



1.1174, 2.0206, 0.3311

Inverse Universe

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



64.6983, 66.4565, 76.4388



90.9504, 93.1836, 107.8004



65.0345, 66.6601, 75.0875



13.9811, 14.2583, 16.6674



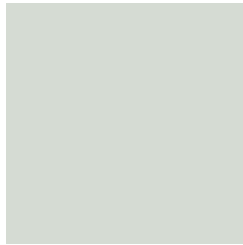
16.7979, 7.7838, 40.3555



1.1651, 0.5439, 2.6180

Previews

White Background



This preview shows how the XYZ color 64.5300, 69.5123, 71.6441 looks on a white background.

Color Contrast Check

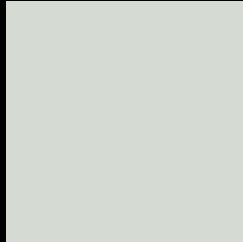
Large Text (above 18pt) WCAG AA × Fail

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 64.5300, 69.5123, 71.6441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

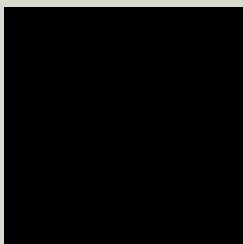
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

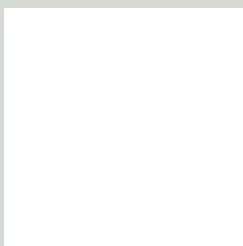
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5300, 69.5123, 71.6441

Background



This preview shows how black text looks on a background with the XYZ color 64.5300, 69.5123, 71.6441.

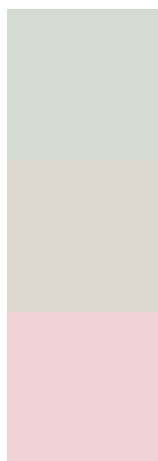


This preview shows how white text looks on a background with the XYZ color 64.5300, 69.5123,

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

64.5300, 69.5123, 71.6441

Protanopia

66.4959, 69.4032, 70.2130

Deuteranopia

70.6534, 69.2480, 72.5932



Tritanopia

67.5827, 69.5939, 86.9618

Trichromacy



Original Color

64.5300, 69.5123, 71.6441

Protanomaly

65.6591, 69.3389, 70.8959

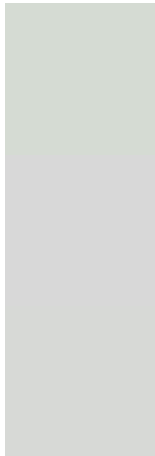
Deuteranomaly

68.3110, 69.1650, 72.0371

Tritanomaly

66.4278, 69.5090, 81.1496

Monochromacy



Original Color

64.5300, 69.5123, 71.6441

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9748, 68.9278, 73.4982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5300, 69.5123, 71.6441 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(213, 219, 211) looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 211)  
}
```

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(213, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.5300, 69.5123, 71.6441 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(213, 219, 211) }
```


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

```
.border{ border-color:rgb(213, 219, 211) }
```

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

Here you see how a box with a 4 pixel rgb(213, 219, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 219,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5300, 69.5123, 71.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 211) }
```

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

```
.background{ background-color: rgb(213,  
219, 211) }
```

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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