

Converting Colors

XYZ(64.4106, 71.5392, 65.8744)

Have a look what the booklet for
XYZ(64.4106, 71.5392, 65.8744)
contains.

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Color

**XYZ(64.3496, 71.5254,
65.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E0C9
RGB	212, 224, 201
RGB Percent	83%, 88%, 79%
CMY	0.1686, 0.1215, 0.2118
CMYK	0.05, 0.00, 0.10, 0.12
HSL	91°, 27%, 83%
HSV	91°, 10%, 88%
XYZ	64.3496, 71.5254, 65.6725
YIQ	217.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

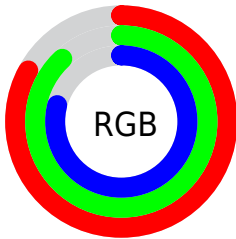
Format	Color
RYB	201, 224, 213
Decimal	13951177
CIELab	87.74, -8.11, 9.88
CIELCh	88, 12.784, 129.386
Yxy	71.5254, 0.3193, 0.3549
Android (android.graphics.Color)	4292141257 (0xFFD4E0C9)
YUV	217.7900, -8.2775, -5.0778
Hunter-Lab	84.5727, -12.1853, 13.1609

Details

The XYZ color **64.3496, 71.5254, 65.6725** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7846, 61.3032, 79.1011**, and the grayscale version is **66.5527, 70.0186, 76.2502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3591, 37.6506, 33.1128** is the 20% darker color. If you saturate the color by 10%, you get **58.6561, 68.8750, 52.6393**, and if you desaturate by 10%, it is **70.6753, 74.4615, 80.7442**.

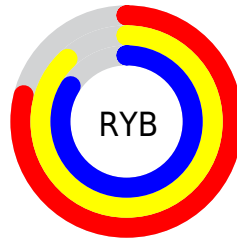
Distribution



Red (83%)

Green (88%)

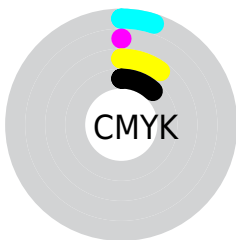
Blue (79%)



Red (79%)

Yellow (88%)

Blue (84%)

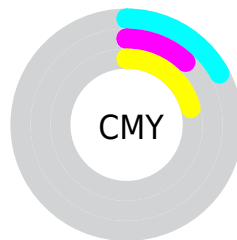


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3496, 71.5254, 65.6725 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 64.3496, 71.5254, 65.6725 by changing the saturation by 10% instead.

■ 64.3496, 71.5254,
65.6725

■ 64.3496, 71.5254,
65.6725

430.0333,
465.8880, 463.5769

■ 47.1966, 52.7711,
47.5518

110.1852,
121.3815, 114.6387

■ 33.3997, 37.6200,
33.1146

139.5985,
153.2521, 146.3212

■ 22.5935, 25.6879,
21.9424

173.8293,
190.2636, 183.3614

■ 14.4127, 16.5903,
13.6167

213.2430,
232.8004, 226.1779

■ 8.4919, 9.9428,
7.7189

258.2049,
281.2468, 275.1892

■ 4.4657, 5.3611,
3.8304

309.0803,

■ 1.9688, 2.4606,

335.9873, 330.8137

1.5328

366.2346,
397.4062, 393.4701

■ 0.6164, 0.8568,
0.2422

■ 0.0000, 0.0000,
0.0000

■ 64.3496, 71.5254,
65.6725

■ 64.3496, 71.5254,
65.6725

■ 58.6561, 68.8750,
52.6393

■ 70.6753, 74.4615,
80.7442

■ 53.5674, 66.4918,
41.5525

■ 77.6480, 77.6828,
97.9319

■ 49.0622, 64.3690,
32.3198

■ 83.0895, 80.3210,
105.7320

■ 45.1159, 62.4961,
24.8396

■ 85.9471, 81.7942,
105.8657

■ 41.7017, 60.8617,
19.0005

■ 38.7901, 59.4533,
14.6784

■ 36.3480, 58.2571,
11.7314

■ 34.3371, 57.2569,
9.9908

■ 32.7336, 56.4467,
9.1701

Harmonies

Analogous

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



67.0363, 71.5254, 62.5382



64.3496, 71.5254, 65.6725



62.6700, 71.5254, 72.1466

Triad

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



64.3496, 71.5254, 65.6725



65.9505, 71.5254, 94.5776



73.8992, 71.5254, 75.1873

Complementary

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



64.3496, 71.5254, 65.6725



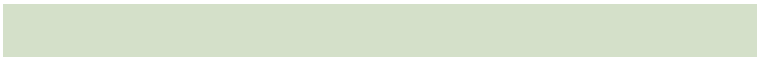
61.7846, 61.3032, 79.1011

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.



73.5875, 71.5254, 83.9073



64.3496, 71.5254, 65.6725



68.9381, 71.5254, 95.5434

Square

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



64.3496, 71.5254, 65.6725



63.5751, 71.5254, 88.9630



71.7501, 71.5254, 91.5114



72.5896, 71.5254, 67.7562

Rectangle

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



64.3496, 71.5254, 65.6725



62.3174, 71.5254, 77.7002



71.7501, 71.5254, 91.5114



73.9814, 71.5254, 78.0581

Sweetspot

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



64.3516, 71.5285, 65.6741



92.3891, 98.7677, 102.4738



65.0507, 67.5969, 64.8783



19.6257, 21.0711, 21.5753



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.



64.3516, 71.5285, 65.6741



84.8761, 95.2798, 84.7232



61.3329, 69.9671, 65.7685



14.1492, 15.6571, 14.5832



19.1835, 32.9219, 5.3435



1.4326, 2.3350, 0.3752

Inverse Universe

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



61.7846, 61.3032, 79.1011



80.8737, 79.3364, 105.6587



65.0325, 62.9835, 78.9819



13.6311, 13.5934, 17.2930



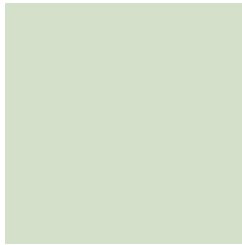
12.2271, 5.3986, 41.4460



0.9508, 0.4274, 2.8776

Previews

White Background



This preview shows how the XYZ color 64.3496, 71.5254, 65.6725 looks on a white background.

Color Contrast Check

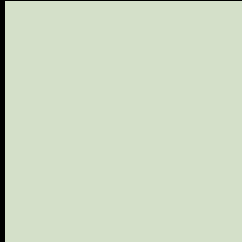
Large Text (above 18pt) WCAG AA × Fail

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 64.3496, 71.5254, 65.6725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

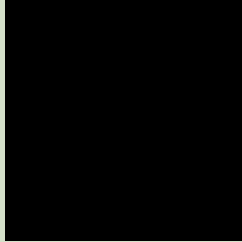
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

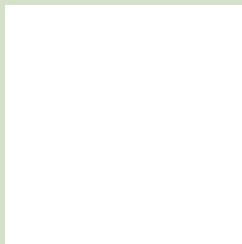
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3496, 71.5254, 65.6725

Background



This preview shows how black text looks on a background with the XYZ color 64.3496, 71.5254, 65.6725.



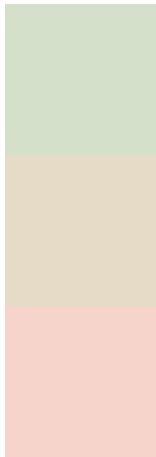
This preview shows how white text looks on a background with the XYZ color 64.3496, 71.5254,

65.6725.

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

64.3496, 71.5254, 65.6725

Protanopia

67.8377, 71.3983, 63.6319

Deuteranopia

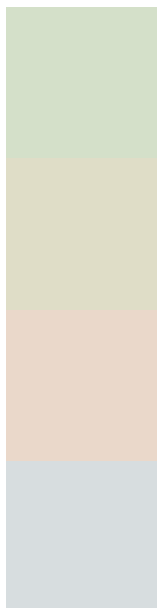
72.6807, 71.1729, 66.4070



Tritanopia

69.0871, 71.4709, 89.5109

Trichromacy



Original Color

64.3496, 71.5254, 65.6725

Protanomaly

66.5967, 71.5244, 64.3284

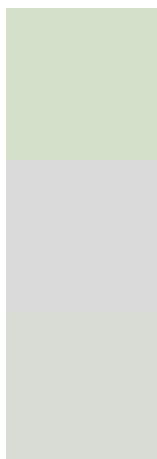
Deuteranomaly

69.1482, 70.8684, 65.9116

Tritanomaly

67.2001, 71.4877, 80.0687

Monochromacy



Original Color

64.3496, 71.5254, 65.6725

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7958, 70.5388, 72.4349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3496, 71.5254, 65.6725 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(212, 224, 201) looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 201)  
}
```

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(212, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.3496, 71.5254, 65.6725 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(212, 224, 201) }
```


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

```
.border{ border-color:rgb(212, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3496, 71.5254, 65.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 201) }
```

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

```
.background{ background-color: rgb(212,  
224, 201) }
```

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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