

Converting Colors

XYZ(64.4057, 71.8261, 67.4743)

Have a look what the booklet for
XYZ(64.4057, 71.8261, 67.4743)
contains.

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Color

**XYZ(64.4026, 71.9117,
67.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E1CC
RGB	210, 225, 204
RGB Percent	82%, 88%, 80%
CMY	0.1765, 0.1176, 0.2000
CMYK	0.07, 0.00, 0.09, 0.12
HSL	103°, 26%, 84%
HSV	103°, 9%, 88%
XYZ	64.4026, 71.9117, 67.6127
YIQ	218.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

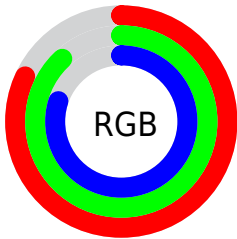
Format	Color
R_{YB}	204, 225, 219
Decimal	13820364
CIE _{Lab}	87.93, -8.79, 8.55
CIE _{LCh}	88, 12.269, 135.796
Yxy	71.9117, 0.3158, 0.3526
Android (android.graphics.Color)	4292010444 (0xFFD2E1CC)
YUV	218.1210, -6.9617, -7.1221
Hunter-Lab	84.8008, -12.8381, 12.0879

Details

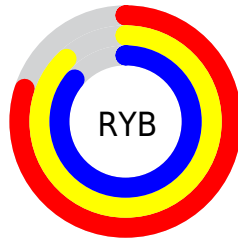
The XYZ color **64.4026, 71.9117, 67.6127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3998, 63.6841, 80.1360**, and the grayscale version is **66.7733, 70.2507, 76.5030**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3973, 37.9200, 34.4132** is the 20% darker color. If you saturate the color by 10%, you get **57.5482, 68.6698, 54.2077**, and if you desaturate by 10%, it is **72.1106, 75.5527, 83.0959**.

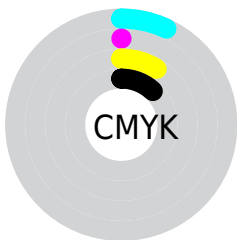
Distribution



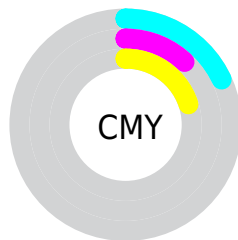
- Red (82%)
- Green (88%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4026, 71.9117, 67.6127 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 64.4026, 71.9117, 67.6127 by changing the saturation by 10% instead.

■ 64.4026, 71.9117,
67.6127

■ 64.4026, 71.9117,
67.6127

430.2213,
467.2342, 470.6833

■ 47.2397, 53.0865,
49.1180

110.2610,
121.9310, 117.4469

■ 33.4340, 37.8719,
34.3468

139.6873,
153.8939, 149.6234

■ 22.6199, 25.8833,
22.8807

173.9321,
191.0049, 187.1977

■ 14.4323, 16.7363,
14.3009

213.3608,
233.6483, 230.5882

■ 8.5056, 10.0467,
8.1891

258.3387,
282.2085, 280.2134

■ 4.4747, 5.4299,
4.1267

309.2312,

■ 1.9740, 2.5017,

337.0700, 336.4920

1.6951

366.4036,
398.6171, 399.8425

■ 0.6193, 0.8775,
0.3574

■ 0.0000, 0.0000,
0.0000

■ 64.4026, 71.9117,
67.6127

■ 64.4026, 71.9117,
67.6127

■ 57.5482, 68.6698,
54.2077

■ 72.1106, 75.5527,
83.0959

■ 51.5113, 65.8042,
42.7877

■ 80.6948, 79.5965,
100.7354

■ 46.2619, 63.3035,
33.2599

■ 86.2166, 82.3333,
105.9555

■ 41.7659, 61.1523,
25.5218

■ 37.9863, 59.3341,
19.4613

■ 34.8831, 57.8309,
14.9539

■ 32.4114, 56.6227,
11.8575

■ 30.5203, 55.6868,
10.0041

■ 29.1373, 54.9920,
9.1218

Harmonies

Analogous

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



66.8326, 71.9117, 63.8206



64.4026, 71.9117, 67.6127



63.0490, 71.9117, 74.4190

Triad

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



64.4026, 71.9117, 67.6127



66.9811, 71.9117, 94.9493



73.8974, 71.9117, 74.0026

Complementary

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



64.4026, 71.9117, 67.6127



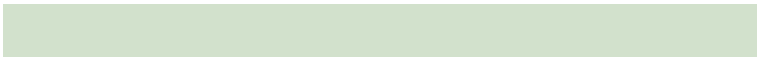
64.3998, 63.6841, 80.1360

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.



73.9400, 71.9117, 82.3128



64.4026, 71.9117, 67.6127



69.8901, 71.9117, 94.8179

Square

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



64.4026, 71.9117, 67.6127



64.5087, 71.9117, 90.4045



72.4553, 71.9117, 90.0572



72.3407, 71.9117, 67.3266

Rectangle

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



64.4026, 71.9117, 67.6127



62.9136, 71.9117, 79.9351



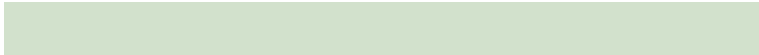
72.4553, 71.9117, 90.0572



74.0907, 71.9117, 76.6866

Sweetspot

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



64.4046, 71.9148, 67.6143



91.8605, 98.4952, 102.4490



67.2067, 70.8769, 67.2663



19.4833, 20.9977, 21.5687



0.0000, 0.0000, 0.0000



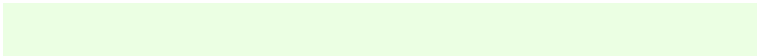
20.3446, 21.4041, 23.3091

Same Dimension

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



64.4046, 71.9148, 67.6143



83.8667, 94.7190, 86.4992



63.2390, 71.2549, 70.2257



13.8946, 15.5259, 14.5712



16.8437, 31.7157, 5.2340



1.2541, 2.2430, 0.3668

Inverse Universe

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



64.3998, 63.6841, 80.1360



83.8589, 81.9028, 105.9967



65.6714, 64.4050, 77.2403



13.8936, 13.7287, 17.3053



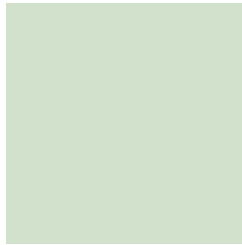
16.3904, 7.5449, 41.6408



1.2228, 0.5677, 2.8904

Previews

White Background



This preview shows how the XYZ color 64.4026, 71.9117, 67.6127 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 64.4026, 71.9117, 67.6127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

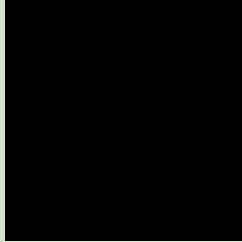
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

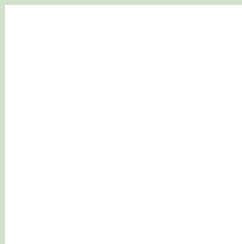
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4026, 71.9117, 67.6127

Background



This preview shows how black text looks on a background with the XYZ color 64.4026, 71.9117, 67.6127.

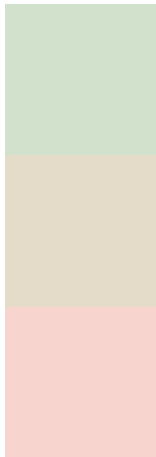


This preview shows how white text looks on a background with the XYZ color 64.4026, 71.9117,

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

64.4026, 71.9117, 67.6127

Protanopia

68.1872, 71.5381, 65.4727

Deuteranopia

73.2926, 71.8189, 68.3920



Tritanopia

69.0501, 71.8065, 91.1096

Trichromacy



Original Color

64.4026, 71.9117, 67.6127

Protanomaly

66.6413, 71.5068, 66.1669

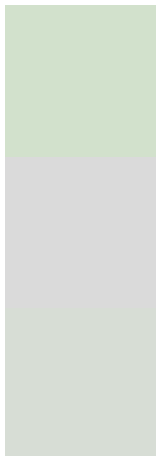
Deuteranomaly

69.7640, 71.5259, 67.8865

Tritanomaly

67.2893, 71.8797, 82.2791

Monochromacy



Original Color

64.4026, 71.9117, 67.6127

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8910, 70.9641, 73.1754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4026, 71.9117, 67.6127 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(210, 225, 204) looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 204)  
}
```

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(210, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 204) }
```

Border

The CSS property to change the border of an element to XYZ 64.4026, 71.9117, 67.6127 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(210, 225, 204) }
```


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

```
.border{ border-color:rgb(210, 225, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 225, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4026, 71.9117, 67.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 204) }
```

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

```
.background{ background-color: rgb(210,  
225, 204) }
```

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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