

Converting Colors

XYZ(64.4443, 71.7576, 54.3088)

Have a look what the booklet for
XYZ(64.4443, 71.7576, 54.3088)
contains.

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Color

**XYZ(64.5113, 71.8631,
54.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE0B5
RGB	220, 224, 181
RGB Percent	86%, 88%, 71%
CMY	0.1373, 0.1215, 0.2902
CMYK	0.02, 0.00, 0.19, 0.12
HSL	66°, 41%, 79%
HSV	66°, 19%, 88%
XYZ	64.5113, 71.8631, 54.1869
YIQ	217.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

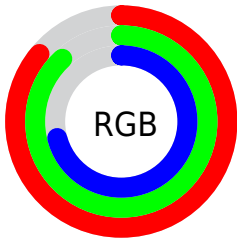
Format	Color
RYB	181, 224, 185
Decimal	14475445
CIELab	87.90, -8.45, 20.65
CIELCh	88, 22.311, 112.247
Yxy	71.8631, 0.3385, 0.3771
Android (android.graphics.Color)	4292665525 (0xFFDCE0B5)
YUV	217.9020, -18.1927, 1.8399
Hunter-Lab	84.7721, -12.5133, 21.4419

Details

The XYZ color **64.5113, 71.8631, 54.1869** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9888, 48.7458, 77.2991**, and the grayscale version is **66.6905, 70.1636, 76.4082**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **33.6013, 37.9338, 25.9730** is the 20% darker color. If you saturate the color by 10%, you get **61.7684, 70.6959, 43.0099**, and if you desaturate by 10%, it is **67.6354, 73.1886, 67.3137**.

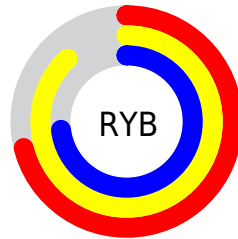
Distribution



Red (86%)

Green (88%)

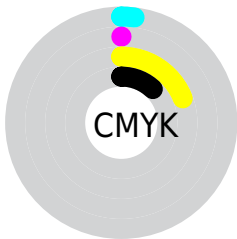
Blue (71%)



Red (71%)

Yellow (88%)

Blue (73%)

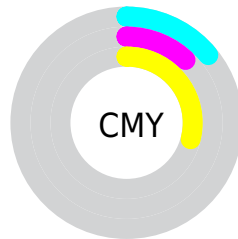


Cyan (2%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5113, 71.8631, 54.1869 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 64.5113, 71.8631, 54.1869 by changing the saturation by 10% instead.

64.5113, 71.8631,
54.1869

64.5113, 71.8631,
54.1869

430.6067,
467.0650, 420.0171

47.3281, 53.0469,
38.3569

110.4166,
121.8619, 97.8078

33.5042, 37.8402,
25.9558

139.8694,
153.8132, 126.4358

22.6740, 25.8587,
16.5651

174.1429,
190.9117, 160.1668

14.4724, 16.7179,
9.7663

213.6023,
233.5417, 199.4195

8.5338, 10.0336,
5.1407

258.6130,
282.0876, 244.6123

4.4930, 5.4212,
2.2699

309.5405,

1.9847, 2.4965,

336.9339, 296.1638

0.7143

366.7499,
398.4649, 354.4925

■ 0.6253, 0.8749,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5113, 71.8631,
54.1869

■ 64.5113, 71.8631,
54.1869

■ 61.7684, 70.6959,
43.0099

■ 67.6354, 73.1886,
67.3137

■ 59.3835, 69.6703,
33.6853

■ 71.1517, 74.6694,
82.4724

■ 57.3394, 68.7820,
26.1142

■ 75.0774, 76.3149,
99.7458

■ 55.6150, 68.0225,
20.1866

■ 76.8117, 77.0848,
105.4382

■ 54.1873, 67.3825,
15.7802

■ 77.4789, 77.4287,
105.4694

■ 53.0296, 66.8514,
12.7557

■ 78.1541, 77.7768,
105.5010

■ 52.1107, 66.4168,
10.9482

■ 78.8374, 78.1291,
105.5330

■ 51.3804, 66.0585,
10.0941

■ 79.5287, 78.4855,
105.5653

■ 51.3249, 66.0310,
10.0401

■ 80.2282, 78.8460,
105.5981

Harmonies

Analogous

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



69.6901, 71.8631, 52.7063



64.5113, 71.8631, 54.1869



60.5463, 71.8631, 61.6773

Triad

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



64.5113, 71.8631, 54.1869



62.2424, 71.8631, 103.7129



78.9261, 71.8631, 82.2571

Complementary

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



64.5113, 71.8631, 54.1869



49.9888, 48.7458, 77.2991

Split Complementary

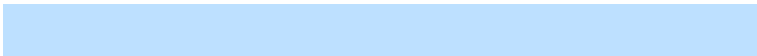
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6970, 71.8631, 97.5458



64.5113, 71.8631, 54.1869



66.9359, 71.8631, 110.9368

Square

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



64.5113, 71.8631, 54.1869



59.2844, 71.8631, 89.8455



72.2419, 71.8631, 108.5449



78.1943, 71.8631, 67.6918

Rectangle

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



64.5113, 71.8631, 54.1869



59.0356, 71.8631, 69.6667



72.2419, 71.8631, 108.5449



78.4944, 71.8631, 87.5037

Sweetspot

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



64.5132, 71.8663, 54.1884



92.1614, 98.7842, 96.4144



56.3452, 53.7092, 51.1143



19.6616, 21.1166, 20.3589



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.



64.5132, 71.8663, 54.1884



85.0227, 95.7602, 66.4361



58.5298, 68.7817, 53.9084



14.7393, 15.9613, 14.6108



29.9257, 38.4598, 5.8462



2.1115, 2.6850, 0.4070

Inverse Universe

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



49.9888, 48.7458, 77.2991



62.1753, 59.3883, 102.7938



55.4574, 51.5649, 77.5550



13.0698, 13.3040, 17.2668



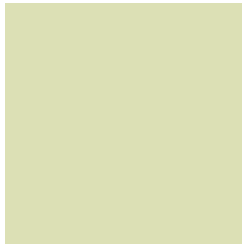
8.0519, 3.2462, 41.2506



0.5993, 0.2463, 2.8612

Previews

White Background



This preview shows how the XYZ color 64.5113, 71.8631, 54.1869 looks on a white background.

Color Contrast Check

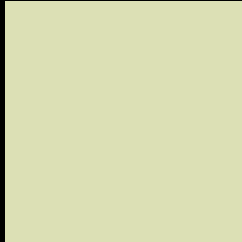
Large Text (above 18pt) WCAG AA × Fail

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 64.5113, 71.8631, 54.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

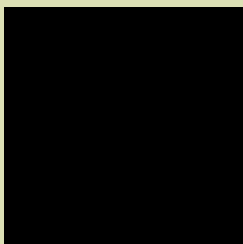
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

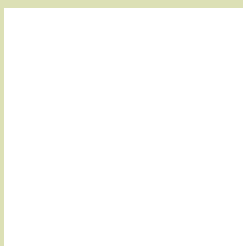
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5113, 71.8631, 54.1869

Background



This preview shows how black text looks on a background with the XYZ color 64.5113, 71.8631, 54.1869.



This preview shows how white text looks on a background with the XYZ color 64.5113, 71.8631,

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

64.5113, 71.8631, 54.1869

Protanopia

67.3342, 71.7647, 52.9509

Deuteranopia

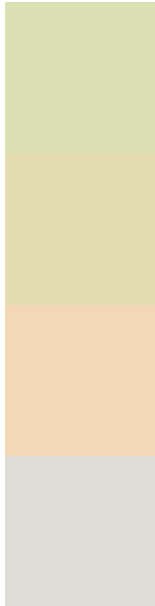
72.9638, 71.5767, 54.7698



Tritanopia

71.3427, 71.8971, 87.9593

Trichromacy



Original Color

64.5113, 71.8631, 54.1869

Protanomaly

66.0896, 71.5022, 53.4980

Deuteranomaly

69.6173, 71.3664, 54.3618

Tritanomaly

68.5994, 71.9400, 74.5602

Monochromacy



Original Color

64.5113, 71.8631, 54.1869

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8261, 70.6542, 67.9258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5113, 71.8631, 54.1869 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(220, 224, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 181)  
}
```

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(220, 224, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 181) }
```

Border

The CSS property to change the border of an element to XYZ 64.5113, 71.8631, 54.1869 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(220, 224, 181) }
```


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

```
.border{ border-color:rgb(220, 224, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 224, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 224, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 224, 181); box-shadow:4px 4px 4px 4px rgb(220, 224, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5113, 71.8631, 54.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 181) }
```

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

```
.background{ background-color: rgb(220,  
224, 181) }
```

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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