

Converting Colors

XYZ(65.8967, 71.7019, 63.1352)

Have a look what the booklet for
XYZ(65.8967, 71.7019, 63.1352)
contains.

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Color

**XYZ(65.7145, 71.4894,
63.1586)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDEC5
RGB	220, 222, 197
RGB Percent	86%, 87%, 77%
CMY	0.1373, 0.1294, 0.2274
CMYK	0.01, 0.00, 0.11, 0.13
HSL	65°, 27%, 82%
HSV	65°, 11%, 87%
XYZ	65.7145, 71.4894, 63.1586
YIQ	218.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

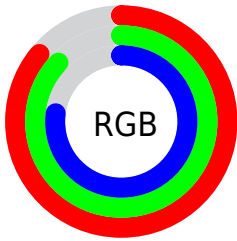
Format	Color
RYB	197, 222, 199
Decimal	14474949
CIELab	87.72, -4.95, 12.03
CIELCh	88, 13.015, 112.376
Yxy	71.4894, 0.3280, 0.3568
Android (android.graphics.Color)	4292665029 (0xFFDCDEC5)
YUV	218.5520, -10.6251, 1.2699
Hunter-Lab	84.5514, -9.2323, 14.8973

Details

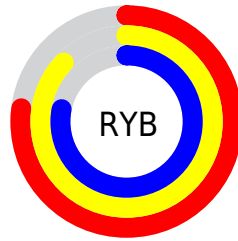
The XYZ color **65.7145, 71.4894, 63.1586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7070, 57.3504, 77.1920**, and the grayscale version is **67.0912, 70.5852, 76.8672**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.2937, 37.6199, 31.4405** is the 20% darker color. If you saturate the color by 10%, you get **62.8207, 70.2723, 50.7080**, and if you desaturate by 10%, it is **68.9926, 72.8656, 77.5857**.

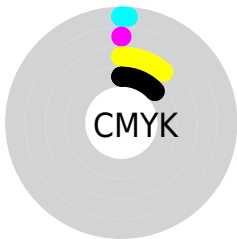
Distribution



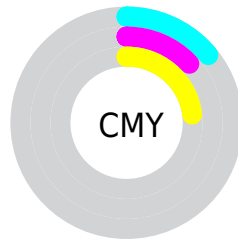
- Red (86%)
- Green (87%)
- Blue (77%)



- Red (77%)
- Yellow (87%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7145, 71.4894, 63.1586 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 65.7145, 71.4894, 63.1586 by changing the saturation by 10% instead.

65.7145, 71.4894,
63.1586

65.7145, 71.4894,
63.1586

434.8599,
465.7624, 454.2686

48.3075, 52.7417,
45.5277

112.1365,
121.3303, 110.9861

34.2827, 37.5966,
31.5273

141.8822,
153.1923, 142.0197

23.2748, 25.6697,
20.7389

176.4715,
190.1945, 178.3581

14.9184, 16.5767,
12.7439

216.2698,
232.7213, 220.4196

8.8481, 9.9332,
7.1238

261.6424,
281.1571, 268.6229

4.6985, 5.3547,
3.4600

312.9548,

2.1044, 2.4568,

335.8863, 323.3865

1.3340

370.5721,
397.2933, 385.1289

■ 0.6916, 0.8549,
0.0895

■ 0.0000, 0.0000,
0.0000

■ 65.7145, 71.4894,
63.1586

■ 65.7145, 71.4894,
63.1586

■ 62.8207, 70.2723,
50.7080

■ 68.9926, 72.8656,
77.5857

■ 60.2890, 69.1984,
40.1434

■ 72.6646, 74.3976,
94.0652

■ 58.1039, 68.2638,
31.3740

■ 75.3303, 75.5277,
105.2157

■ 56.2464, 67.4609,
24.2998

■ 75.8892, 75.8159,
105.2419

■ 54.6956, 66.7813,
18.8112

■ 76.4539, 76.1070,
105.2683

■ 53.4282, 66.2157,
14.7854

■ 77.0244, 76.4011,
105.2950

■ 52.4174, 65.7534,
12.0819

■ 77.6008, 76.6982,
105.3220

■ 51.6314, 65.3817,
10.5327

■ 78.1830, 76.9984,
105.3492

■ 51.0815, 65.1122,
9.8756

■ 78.7711, 77.3016,
105.3768

Harmonies

Analogous

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



68.7389, 71.4894, 62.1812



65.7145, 71.4894, 63.1586



63.3561, 71.4894, 67.9190

Triad

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



65.7145, 71.4894, 63.1586



64.3899, 71.4894, 92.0909



74.0014, 71.4894, 80.1164

Complementary

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



65.7145, 71.4894, 63.1586



56.7070, 57.3504, 77.1920

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.



72.7577, 71.4894, 88.6824



65.7145, 71.4894, 63.1586



67.1643, 71.4894, 95.9284

Square

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



65.7145, 71.4894, 63.1586



62.6077, 71.4894, 84.4902



70.2326, 71.4894, 94.6361



73.5848, 71.4894, 71.5479

Rectangle

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



65.7145, 71.4894, 63.1586



62.4485, 71.4894, 72.8069



70.2326, 71.4894, 94.6361



73.7624, 71.4894, 83.0995

Sweetspot

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



65.7164, 71.4925, 63.1601



93.6173, 99.4009, 102.5313



60.5514, 60.2563, 61.2635



19.9578, 21.2423, 21.5909



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.



65.7164, 71.4925, 63.1601



88.7806, 97.3715, 81.3404



62.1675, 69.6630, 62.9940



14.7577, 15.9708, 14.6116



30.3842, 38.6961, 5.8677



2.1386, 2.6990, 0.4082

Inverse Universe

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



56.7070, 57.3504, 77.1920



73.6337, 73.5949, 104.9321



60.0650, 59.0816, 77.3492



13.0534, 13.2955, 17.2660



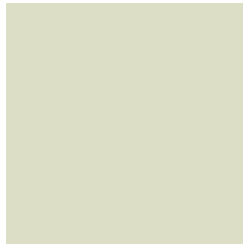
8.0143, 3.2268, 41.2488



0.5915, 0.2422, 2.8608

Previews

White Background



This preview shows how the XYZ color 65.7145, 71.4894, 63.1586 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 65.7145, 71.4894, 63.1586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

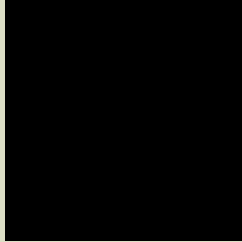
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

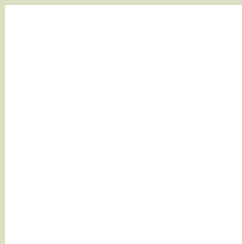
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7145, 71.4894, 63.1586

Background



This preview shows how black text looks on a background with the XYZ color 65.7145, 71.4894, 63.1586.

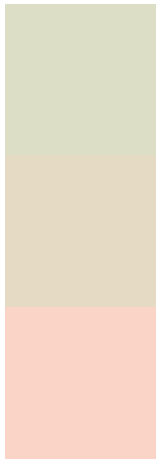


This preview shows how white text looks on a background with the XYZ color 65.7145, 71.4894,

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

65.7145, 71.4894, 63.1586

Protanopia

67.6084, 71.3066, 62.4248

Deuteranopia

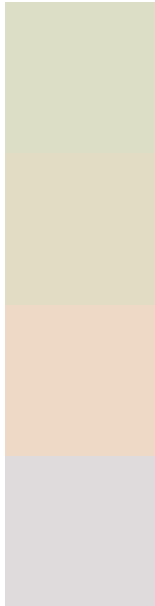
72.9192, 71.3502, 63.9615



Tritanopia

70.7155, 71.5738, 87.9299

Trichromacy



Original Color

65.7145, 71.4894, 63.1586

Protanomaly

66.9210, 71.3407, 62.4676

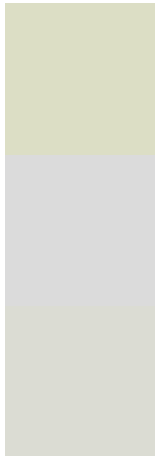
Deuteranomaly

70.0088, 71.3661, 63.5113

Tritanomaly

68.8141, 71.5715, 78.5944

Monochromacy



Original Color

65.7145, 71.4894, 63.1586

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5645, 70.9496, 71.8143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7145, 71.4894, 63.1586 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, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 197)  
}
```

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, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.7145, 71.4894, 63.1586 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, 222, 197) }
```


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

```
.border{ border-color:rgb(220, 222, 197) }
```

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

Here you see how a box with a 4 pixel rgb(220, 222, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7145, 71.4894, 63.1586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 197) }
```

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

```
.background{ background-color: rgb(220,  
222, 197) }
```

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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