

Converting Colors

XYZ(63.3825, 72.0644, 61.7163)

Have a look what the booklet for
XYZ(63.3825, 72.0644, 61.7163)
contains.

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Color

**XYZ(63.2285, 71.8431,
61.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2C2
RGB	209, 226, 194
RGB Percent	82%, 89%, 76%
CMY	0.1804, 0.1137, 0.2392
CMYK	0.08, 0.00, 0.14, 0.11
HSL	92°, 36%, 82%
HSV	92°, 14%, 89%
XYZ	63.2285, 71.8431, 61.5735
YIQ	217.2690, 0.1400, -13.5560

Conversions

Conversions Part 2

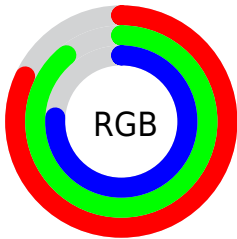
Format	Color
RYB	194, 226, 211
Decimal	13755074
CIELab	87.89, -11.34, 13.74
CIELCh	88, 17.811, 129.535
Yxy	71.8431, 0.3215, 0.3653
Android (android.graphics.Color)	4291945154 (0xFFD1E2C2)
YUV	217.2690, -11.4716, -7.2519
Hunter-Lab	84.7603, -15.1752, 16.2614

Details

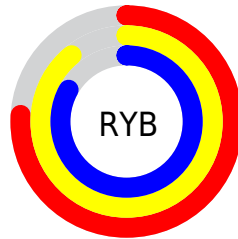
The XYZ color **63.2285, 71.8431, 61.5735** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.8860, 57.9254, 79.9797**, and the grayscale version is **66.2157, 69.6641, 75.8642**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **32.6230, 37.8893, 30.4049** is the 20% darker color. If you saturate the color by 10%, you get **57.6110, 69.2206, 49.0534**, and if you desaturate by 10%, it is **69.4921, 74.7583, 76.1419**.

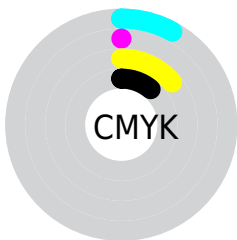
Distribution



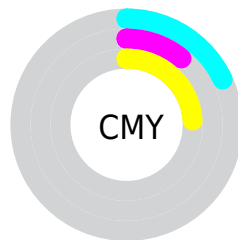
- Red (82%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2285, 71.8431, 61.5735 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 63.2285, 71.8431, 61.5735 by changing the saturation by 10% instead.

■ 63.2285, 71.8431,
61.5735

■ 63.2285, 71.8431,
61.5735

426.0448,
466.9953, 448.3383

■ 46.2854, 53.0305,
44.2546

108.5791,
121.8334, 108.6745

■ 32.6767, 37.8271,
30.5321

137.7173,
153.7800, 139.2937

■ 22.0369, 25.8485,
19.9873

171.6512,
190.8733, 175.1833

■ 14.0008, 16.7104,
12.2018

210.7463,
233.4978, 216.7621

■ 8.2029, 10.0282,
6.7571

255.3678,
282.0378, 264.4484

■ 4.2780, 5.4177,
3.2345

305.8812,

■ 1.8606, 2.4943,

336.8778, 318.6608

1.2156

362.6517,
398.4022, 379.8180

■ 0.5538, 0.8738,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2285, 71.8431,
61.5735

■ 63.2285, 71.8431,
61.5735

■ 57.6110, 69.2206,
49.0534

■ 69.4921, 74.7583,
76.1419

■ 52.6107, 66.8716,
38.4850

■ 76.4177, 77.9662,
92.8398

■ 48.2051, 64.7887,
29.7712

■ 82.9129, 81.0327,
105.8786

■ 44.3679, 62.9608,
22.8045

■ 86.4878, 82.8756,
106.0459

■ 41.0702, 61.3755,
17.4664

■ 38.2805, 60.0195,
13.6237

■ 35.9625, 58.8776,
11.1220

■ 34.0736, 57.9317,
9.7735

■ 33.1327, 57.4551,
9.3437

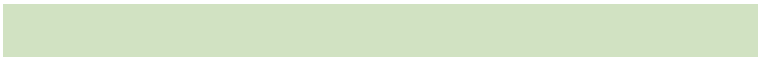
Harmonies

Analogous

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



66.9439, 71.8431, 57.3958



63.2285, 71.8431, 61.5735



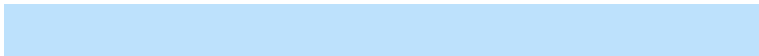
60.9322, 71.8431, 70.3468

Triad

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



63.2285, 71.8431, 61.5735



65.4755, 71.8431, 102.1863



76.6391, 71.8431, 74.4228

Complementary

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



63.2285, 71.8431, 61.5735



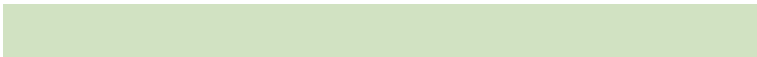
59.8860, 57.9254, 79.9797

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.



76.2061, 71.8431, 86.6703



63.2285, 71.8431, 61.5735



69.6433, 71.8431, 103.5671

Square

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



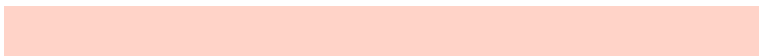
63.2285, 71.8431, 61.5735



62.1917, 71.8431, 94.0384



73.6035, 71.8431, 97.6364



74.7632, 71.8431, 64.2917

Rectangle

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



63.2285, 71.8431, 61.5735



60.4571, 71.8431, 78.0358



73.6035, 71.8431, 97.6364



76.7604, 71.8431, 78.4144

Sweetspot

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



63.2304, 71.8462, 61.5751



91.4851, 98.3469, 100.3873



64.2829, 66.4235, 60.4729



19.4415, 20.9853, 21.1553



0.0000, 0.0000, 0.0000



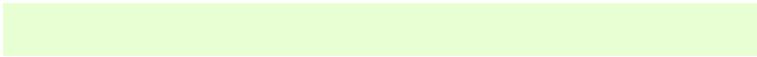
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2304, 71.8462, 61.5751



80.8677, 93.4062, 75.8231



59.2442, 69.7843, 61.7018



14.1365, 15.6505, 14.5826



19.0357, 32.8458, 5.3366



1.4221, 2.3296, 0.3747

Inverse Universe

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



59.8860, 57.9254, 79.9797



75.6623, 71.7404, 104.4672



64.3130, 60.2160, 79.8054



13.6439, 13.6000, 17.2936



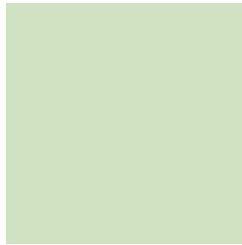
12.3950, 5.4852, 41.4538



0.9623, 0.4334, 2.8782

Previews

White Background



This preview shows how the XYZ color 63.2285, 71.8431, 61.5735 looks on a white background.

Color Contrast Check

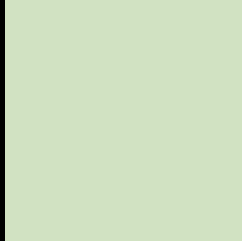
Large Text (above 18pt) WCAG AA × Fail

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 63.2285, 71.8431, 61.5735 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

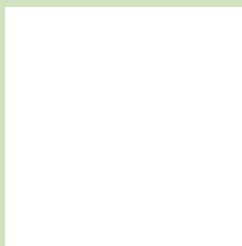
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2285, 71.8431, 61.5735

Background



This preview shows how black text looks on a background with the XYZ color 63.2285, 71.8431, 61.5735.



This preview shows how white text looks on a background with the XYZ color 63.2285, 71.8431,

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

63.2285, 71.8431, 61.5735

Protanopia

67.9522, 71.9369, 59.5940

Deuteranopia

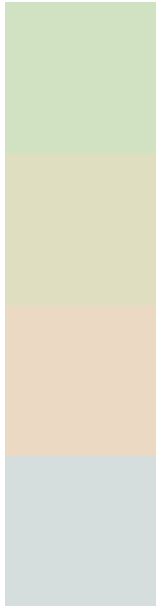
73.0459, 71.4422, 62.7631



Tritanopia

69.1982, 71.8998, 90.3517

Trichromacy



Original Color

63.2285, 71.8431, 61.5735

Protanomaly

66.0671, 71.7363, 60.2336

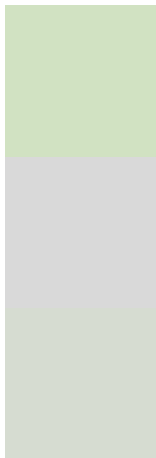
Deuteranomaly

69.0376, 71.2734, 62.3430

Tritanomaly

66.6130, 71.6091, 78.7177

Monochromacy



Original Color

63.2285, 71.8431, 61.5735

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.8334, 70.0860, 70.4325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2285, 71.8431, 61.5735 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(209, 226, 194) looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 194)  
}
```

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(209, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.2285, 71.8431, 61.5735 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(209, 226, 194) }
```


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

```
.border{ border-color:rgb(209, 226, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2285, 71.8431, 61.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 194) }
```

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

```
.background{ background-color: rgb(209,  
226, 194) }
```

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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