

Converting Colors

XYZ(63.7042, 72.0097, 65.1917)

Have a look what the booklet for
XYZ(63.7042, 72.0097, 65.1917)
contains.

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Color

**XYZ(63.6341, 71.9727,
65.1818)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E2C8
RGB	208, 226, 200
RGB Percent	82%, 89%, 78%
CMY	0.1843, 0.1137, 0.2157
CMYK	0.08, 0.00, 0.12, 0.11
HSL	102°, 31%, 84%
HSV	102°, 12%, 89%
XYZ	63.6341, 71.9727, 65.1818
YIQ	217.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

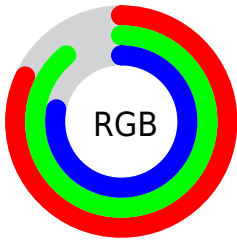
Format	Color
R_{YB}	200, 226, 218
Decimal	13689544
CIE _{Lab}	87.96, -10.68, 10.67
CIE _{LCh}	88, 15.097, 135.002
Yxy	71.9727, 0.3169, 0.3585
Android (android.graphics.Color)	4291879624 (0xFFD0E2C8)
YUV	217.6540, -8.7034, -8.4666
Hunter-Lab	84.8367, -14.5755, 13.8320

Details

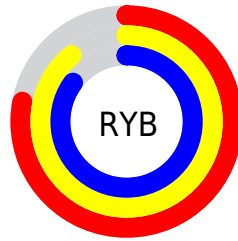
The XYZ color **63.6341, 71.9727, 65.1818** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2980, 61.7069, 80.5297**, and the grayscale version is **66.4631, 69.9244, 76.1477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0776, 38.0712, 32.7992** is the 20% darker color. If you saturate the color by 10%, you get **57.0015, 68.8385, 52.0878**, and if you desaturate by 10%, it is **71.0953, 75.4931, 80.3557**.

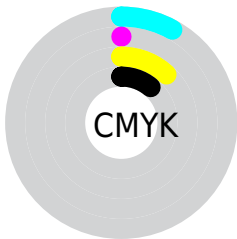
Distribution



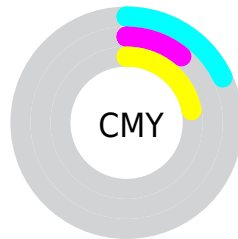
- Red (82%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6341, 71.9727, 65.1818 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 63.6341, 71.9727, 65.1818 by changing the saturation by 10% instead.

■ 63.6341, 71.9727,
65.1818

■ 63.6341, 71.9727,
65.1818

427.4903,
467.4466, 461.7691

■ 46.6150, 53.1364,
47.1562

109.1605,
122.0177, 113.9270

■ 32.9380, 37.9116,
32.8039

138.3985,
153.9952, 145.4836

■ 22.2380, 25.9141,
21.7064

172.4401,
191.1219, 182.3878

■ 14.1495, 16.7594,
13.4451

211.6507,
233.7821, 225.0579

■ 8.3071, 10.0631,
7.6014

256.3957,
282.3603, 273.9125

■ 4.3455, 5.4408,
3.7569

307.0403,

■ 1.8994, 2.5082,

337.2408, 329.3703

1.4929

363.9501,
398.8081, 391.8496

■ 0.5765, 0.8807,
0.2127

■ 0.0000, 0.0000,
0.0000

■ 63.6341, 71.9727,
65.1818

■ 63.6341, 71.9727,
65.1818

■ 57.0015, 68.8385,
52.0878

■ 71.0953, 75.4931,
80.3557

■ 51.1619, 66.0680,
40.9785

■ 79.4071, 79.4029,
97.6897

■ 46.0859, 63.6500,
31.7584

■ 86.4674, 82.8650,
106.0450

■ 41.7399, 61.5697,
24.3220

■ 86.4878, 82.8755,
106.0459

■ 38.0875, 59.8107,
18.5538

■ 35.0889, 58.3553,
14.3245

■ 32.6996, 57.1839,
11.4858

■ 30.8683, 56.2740,
9.8600

■ 29.6896, 55.6801,
9.1825

Harmonies

Analogous

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



66.6336, 71.9727, 60.7529



63.6341, 71.9727, 65.1818



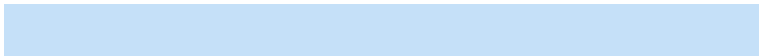
61.9441, 71.9727, 73.3526

Triad

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



63.6341, 71.9727, 65.1818



66.6342, 71.9727, 99.0920



75.3062, 71.9727, 73.3510

Complementary

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



63.6341, 71.9727, 65.1818



63.2980, 61.7069, 80.5297

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.



75.3064, 71.9727, 83.6029



63.6341, 71.9727, 65.1818



70.2134, 71.9727, 99.0915

Square

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



63.6341, 71.9727, 65.1818



63.6345, 71.9727, 93.2194



73.4147, 71.9727, 93.2180



73.4142, 71.9727, 65.1808

Rectangle

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



63.6341, 71.9727, 65.1818



61.7485, 71.9727, 80.1054



73.4147, 71.9727, 93.2180



75.5296, 71.9727, 76.6520

Sweetspot

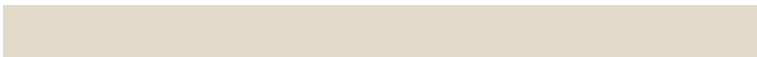
The Sweet Spot groups the original color and five complimentary colors.



63.6361, 71.9758, 65.1834



91.9207, 98.5263, 102.4519



66.8032, 70.3638, 64.7053



19.4995, 21.0061, 21.5694



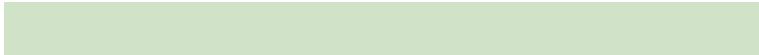
0.0000, 0.0000, 0.0000



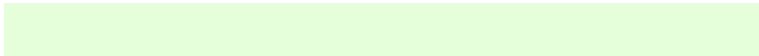
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6361, 71.9758, 65.1834



81.3096, 93.5201, 80.9908



62.0092, 71.0717, 68.0615



13.9234, 15.5407, 14.5726



17.0438, 31.8189, 5.2434



1.2709, 2.2517, 0.3676

Inverse Universe

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



63.2980, 61.7069, 80.5297



80.7741, 77.2759, 105.2662



65.1032, 62.7121, 77.2462



13.8633, 13.7131, 17.3039



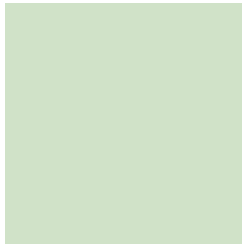
15.8323, 7.2572, 41.6147



1.1876, 0.5495, 2.8887

Previews

White Background



This preview shows how the XYZ color 63.6341, 71.9727, 65.1818 looks on a white background.

Color Contrast Check

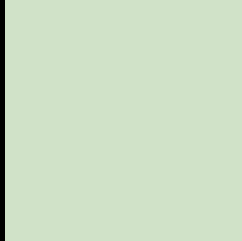
Large Text (above 18pt) WCAG AA × Fail

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 63.6341, 71.9727, 65.1818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

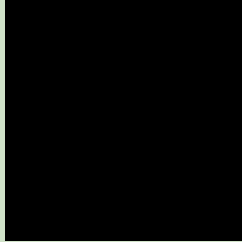
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

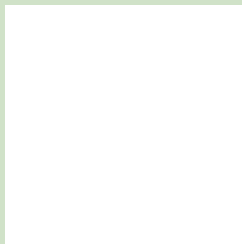
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6341, 71.9727, 65.1818

Background



This preview shows how black text looks on a background with the XYZ color 63.6341, 71.9727, 65.1818.



This preview shows how white text looks on a background with the XYZ color 63.6341, 71.9727,

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

63.6341, 71.9727, 65.1818

Protanopia

68.3044, 72.0406, 63.1285

Deuteranopia

73.2851, 71.8568, 66.5071



Tritanopia

69.0206, 72.1821, 91.1837

Trichromacy



Original Color

63.6341, 71.9727, 65.1818

Protanomaly

66.4385, 71.8494, 63.7927

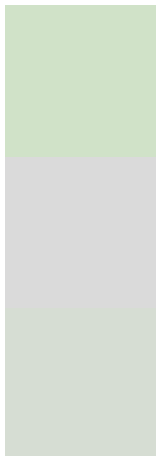
Deuteranomaly

69.3363, 71.7307, 66.0681

Tritanomaly

66.9936, 72.1542, 80.9172

Monochromacy



Original Color

63.6341, 71.9727, 65.1818

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.3459, 70.7122, 71.8327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6341, 71.9727, 65.1818 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(208, 226, 200) looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 200)  
}
```

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(208, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.6341, 71.9727, 65.1818 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(208, 226, 200) }
```


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

```
.border{ border-color:rgb(208, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6341, 71.9727, 65.1818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 200) }
```

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

```
.background{ background-color: rgb(208,  
226, 200) }
```

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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