

Converting Colors

XYZ(63.7017, 74.2462, 60.8431)

Have a look what the booklet for
XYZ(63.7017, 74.2462, 60.8431)
contains.

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Color

**XYZ(63.5439, 74.0794,
60.8188)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | CEE7C0 |
| RGB | 206, 231, 192 |
| RGB Percent | 81%, 91%, 75% |
| CMY | 0.1922, 0.0941, 0.2471 |
| CMYK | 0.11, 0.00, 0.17, 0.09 |
| HSL | 98°, 45%, 83% |
| HSV | 98°, 17%, 91% |
| XYZ | 63.5439, 74.0794, 60.8188 |
| YIQ | 219.0790, -2.3810, -17.4290 |

Conversions

Conversions Part 2

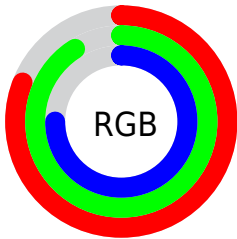
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 192, 231, 217 |
| Decimal | 13559744 |
| CIELab | 88.96, -15.21, 16.25 |
| CIELCh | 89, 22.262, 133.103 |
| Yxy | 74.0794, 0.3202, 0.3733 |
| Android (android.graphics.Color) | 4291749824 (0xFFCEE7C0) |
| YUV | 219.0790, -13.3499, -11.4703 |
| Hunter-Lab | 86.0694, -18.8372, 18.3528 |

Details

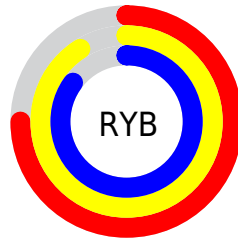
The XYZ color **63.5439, 74.0794, 60.8188** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8918, 58.2226, 83.5813**, and the grayscale version is **67.4793, 70.9935, 77.3119**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.6799, 39.0742, 29.8644** is the 20% darker color. If you saturate the color by 10%, you get **57.2636, 71.1169, 48.1964**, and if you desaturate by 10%, it is **70.6174, 77.4087, 75.5784**.

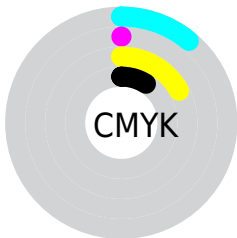
Distribution



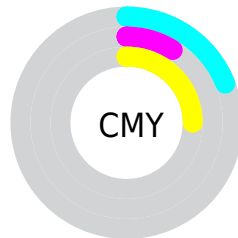
- Red (81%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)





- Cyan (19%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5439, 74.0794, 60.8188 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 63.5439, 74.0794, 60.8188 by changing the saturation by 10% instead.


 63.5439, 74.0794,
60.8188

 63.5439, 74.0794,
60.8188


427.1691,
474.7474, 445.4975

 46.5417, 54.8590,
43.6493


 109.0312,
125.0084, 107.5715

 32.8799, 39.2889,
30.0598


138.2470,
157.4857, 137.9918

 22.1932, 26.9845,
19.6315


172.2647,
195.1509, 173.6662

 14.1164, 17.5616,
11.9461

211.4497,
238.3882, 215.0131

 8.2839, 10.6357,
6.5849

256.1672,
287.5822, 262.4512

 4.3305, 5.8224,
3.1294


306.7827,


 1.8907, 2.7374,


343.1171, 316.3989


1.1611


363.6616,
405.3773, 377.2748


 0.5714, 0.9962,
0.0000


 0.0000, 0.0000,
0.0000


 63.5439, 74.0794,
60.8188


 63.5439, 74.0794,
60.8188


 57.2636, 71.1169,
48.1964


 70.6174, 77.4087,
75.5784


 51.7413, 68.4987,
37.6075

 78.5058, 81.1076,
92.5630

 46.9475, 66.2141,
28.9469

 86.2056, 84.7781,
106.4280

 42.8486, 64.2484,
22.0981

 87.8674, 85.6348,
106.5058

■ 39.4079, 62.5854,
16.9320

■ 36.5848, 61.2075,
13.3025

■ 34.3332, 60.0945,
11.0382

■ 32.5966, 59.2222,
9.9197

■ 32.1369, 58.9898,
9.6924

Harmonies

Analogous

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



68.0801, 74.0794, 55.0016



63.5439, 74.0794, 60.8188



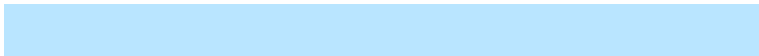
60.9256, 74.0794, 72.3131

Triad

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



63.5439, 74.0794, 60.8188



67.4321, 74.0794, 112.6274



81.0269, 74.0794, 74.0979

Complementary

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



63.5439, 74.0794, 60.8188



61.8918, 58.2226, 83.5813

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.



80.8314, 74.0794, 89.6254



63.5439, 74.0794, 60.8188



72.7930, 74.0794, 113.2660

Square

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



63.5439, 74.0794, 60.8188



63.0905, 74.0794, 102.7587



77.7542, 74.0794, 104.4054



78.2754, 74.0794, 61.9808

Rectangle

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



63.5439, 74.0794, 60.8188



60.5328, 74.0794, 82.2818



77.7542, 74.0794, 104.4054



81.3076, 74.0794, 79.0594

Sweetspot

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



63.5459, 74.0826, 60.8204



90.1211, 97.6884, 98.3073



67.2080, 70.2689, 59.8913



19.1458, 20.8418, 20.7354



0.0000, 0.0000, 0.0000



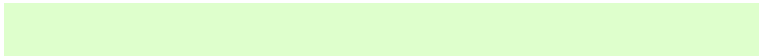
20.3446, 21.4041, 23.3091

Same Dimension

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



63.5459, 74.0826, 60.8204



76.8767, 91.4574, 70.7280



60.4174, 72.4020, 63.7356



14.6751, 16.3396, 15.2848



18.1388, 33.1324, 5.4392



1.4390, 2.4992, 0.4066

Inverse Universe

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



61.8918, 58.2226, 83.5813



74.4662, 68.3578, 103.8773



65.5075, 60.1702, 79.9726



14.4670, 14.3430, 18.1503



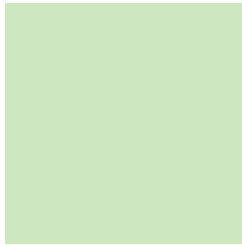
15.0821, 6.8410, 42.9087



1.2150, 0.5573, 3.1755

Previews

White Background



This preview shows how the XYZ color 63.5439, 74.0794, 60.8188 looks on a white background.

Color Contrast Check

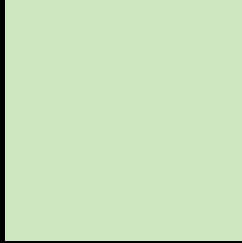
Large Text (above 18pt) WCAG AA × Fail

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 63.5439, 74.0794, 60.8188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

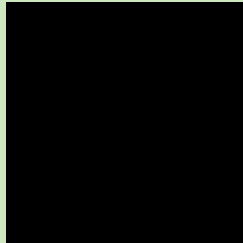
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

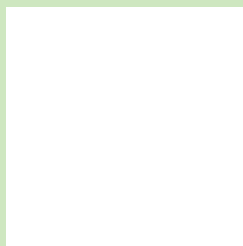
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5439, 74.0794, 60.8188

Background



This preview shows how black text looks on a background with the XYZ color 63.5439, 74.0794, 60.8188.



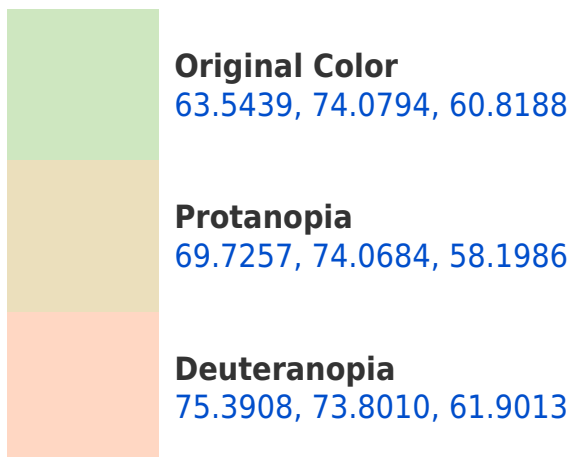
This preview shows how white text looks on a background with the XYZ color 63.5439, 74.0794,

60.8188.

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

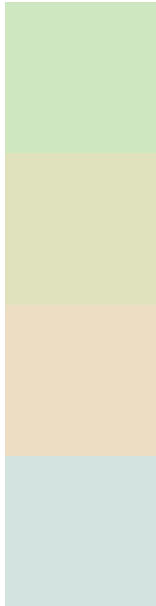




Tritanopia

70.4142, 74.0183, 94.5801

Trichromacy



Original Color

63.5439, 74.0794, 60.8188

Protanomaly

67.1221, 73.9141, 58.8733

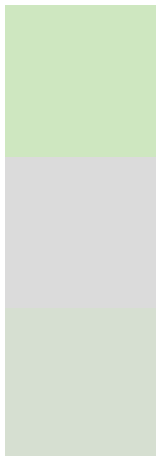
Deuteranomaly

70.5191, 73.6125, 61.5308

Tritanomaly

67.7876, 74.1689, 81.2642

Monochromacy



Original Color

63.5439, 74.0794, 60.8188

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6279, 71.6749, 70.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5439, 74.0794, 60.8188 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(206, 231, 192)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 192)  
}
```

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(206, 231, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 192) }
```

Border

The CSS property to change the border of an element to XYZ 63.5439, 74.0794, 60.8188 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(206, 231, 192) }
```


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

```
.border{ border-color:rgb(206, 231, 192) }
```

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

Here you see how a box with a 4 pixel rgb(206, 231, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5439, 74.0794, 60.8188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 192) }
```

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

```
.background{ background-color: rgb(206,  
231, 192) }
```

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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