

Converting Colors

XYZ(61.6914, 74.3363, 43.8978)

Have a look what the booklet for
XYZ(61.6914, 74.3363, 43.8978)
contains.

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Color

**XYZ(61.6914, 74.3363,
43.8978)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D1E99F |
| RGB | 209, 233, 159 |
| RGB Percent | 82%, 91%, 62% |
| CMY | 0.1804, 0.0863, 0.3765 |
| CMYK | 0.10, 0.00, 0.32, 0.09 |
| HSL | 79°, 63%, 77% |
| HSV | 79°, 32%, 91% |
| XYZ | 61.6914, 74.3363, 43.8978 |
| YIQ | 217.3880, 9.4500, -28.1020 |

Conversions

Conversions Part 2

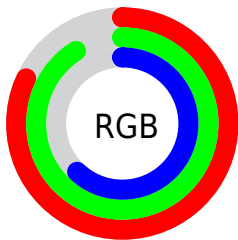
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 159, 233, 183 |
| Decimal | 13756831 |
| CIELab | 89.08, -20.03, 33.43 |
| CIELCh | 89, 38.965, 120.926 |
| Yxy | 74.3363, 0.3429, 0.4132 |
| Android (android.graphics.Color) | 4291946911 (0xFFD1E99F) |
| YUV | 217.3880, -28.7853, -7.3563 |
| Hunter-Lab | 86.2185, -23.1614, 30.1657 |

Details

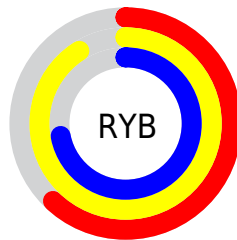
The XYZ color **61.6914, 74.3363, 43.8978** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6376, 40.7488, 82.5021**, and the grayscale version is **66.4081, 69.8665, 76.0846**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **31.7024, 39.3758, 19.8393** is the 20% darker color. If you saturate the color by 10%, you get **57.7697, 72.5289, 34.1363**, and if you desaturate by 10%, it is **66.0996, 76.3550, 55.6745**.

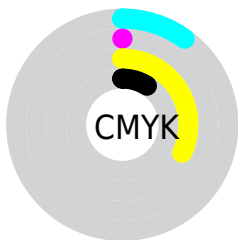
Distribution



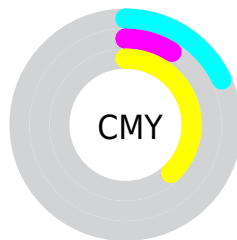
- Red (82%)
- Green (91%)
- Blue (62%)



- Red (62%)
- Yellow (91%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)





- Cyan (18%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6914, 74.3363, 43.8978 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 61.6914, 74.3363, 43.8978 by changing the saturation by 10% instead.


 61.6914, 74.3363,
43.8978


 61.6914, 74.3363,
43.8978

420.5400,
475.6332, 378.3202

 45.0380, 55.0693,
30.2536

 106.3718,
125.3724, 82.3648

 31.6888, 39.4572,
19.7774


 135.1297,
157.9104, 108.0246

 21.2783, 27.1156,
12.0509


168.6530,
195.6408, 138.5267

 13.4412, 17.6601,
6.6554

207.3072,
238.9480, 174.2896

 7.8121, 10.7062,
3.1724

251.4577,
288.2165, 215.7319

 4.0258, 5.8696,
1.1833

301.4697,

 1.7167, 2.7660,

343.8306, 263.2720

0.0000

357.7087,
406.1747, 317.3286

■ 0.4667, 1.0108,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6914, 74.3363,
43.8978

■ 61.6914, 74.3363,
43.8978

■ 57.7697, 72.5289,
34.1363

■ 66.0996, 76.3550,
55.6745

■ 54.3058, 70.9137,
26.2722

■ 71.0096, 78.5839,
69.5659

■ 51.2768, 69.4838,
20.1826

■ 76.4433, 81.0342,
85.6707

■ 48.6547, 68.2279,
15.7284

■ 82.4190, 83.7135,
104.0800

■ 46.4076, 67.1331,
12.7497

■ 85.4748, 85.2372,
106.5552

■ 44.4976, 66.1841,
11.0546

■ 88.1916, 86.6378,
106.6823

■ 43.1278, 65.4917,
10.3681

■ 88.4305, 86.7609,
106.6935

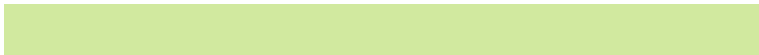
Harmonies

Analogous

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



70.3603, 74.3363, 39.1473



61.6914, 74.3363, 43.8978



55.8857, 74.3363, 58.1220

Triad

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



61.6914, 74.3363, 43.8978



62.1586, 74.3363, 135.6985



90.5000, 74.3363, 80.0990

Complementary

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



61.6914, 74.3363, 43.8978



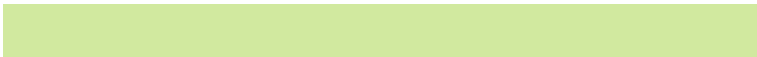
46.6376, 40.7488, 82.5021

Split Complementary

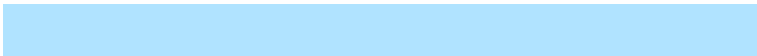
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8196, 74.3363, 109.0617



61.6914, 74.3363, 43.8978



70.9494, 74.3363, 145.1890

Square

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



61.6914, 74.3363, 43.8978



56.1380, 74.3363, 110.8538



80.4461, 74.3363, 134.5115



87.4796, 74.3363, 56.9582

Rectangle

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



61.6914, 74.3363, 43.8978



54.1343, 74.3363, 72.9793



80.4461, 74.3363, 134.5115



90.2339, 74.3363, 89.4586

Sweetspot

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



61.6933, 74.3396, 43.8994



88.2348, 96.9299, 88.5542



56.6818, 53.4629, 40.1339



18.6922, 20.6594, 18.3902



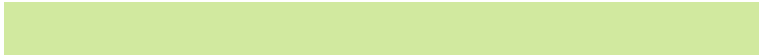
0.0000, 0.0000, 0.0000



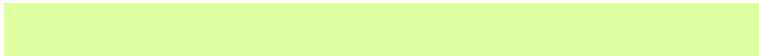
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6933, 74.3396, 43.8994



72.5468, 89.7704, 45.8967



52.5372, 69.6195, 43.4709



15.8494, 17.3679, 16.0357



24.6056, 37.2291, 5.8891



2.0322, 2.9749, 0.4671

Inverse Universe

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



46.6376, 40.7488, 82.5021



51.4125, 42.5949, 100.1196



56.4528, 45.8088, 82.9615



14.6913, 14.7861, 19.0019



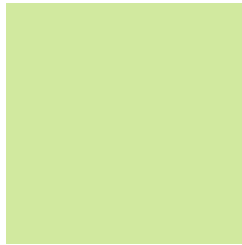
10.1332, 4.2598, 44.0311



0.8932, 0.3847, 3.4621

Previews

White Background



This preview shows how the XYZ color 61.6914, 74.3363, 43.8978 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 61.6914, 74.3363, 43.8978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

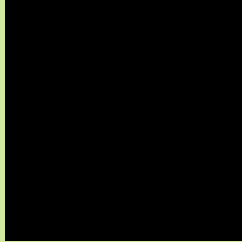
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

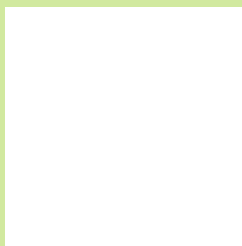
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6914, 74.3363, 43.8978

Background



This preview shows how black text looks on a background with the XYZ color 61.6914, 74.3363, 43.8978.



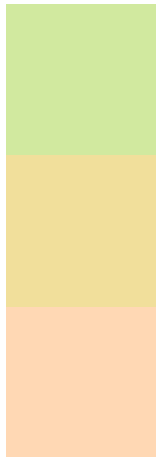
This preview shows how white text looks on a background with the XYZ color 61.6914, 74.3363,

43.8978.

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

61.6914, 74.3363, 43.8978

Protanopia

68.5797, 73.8427, 41.6489

Deuteranopia

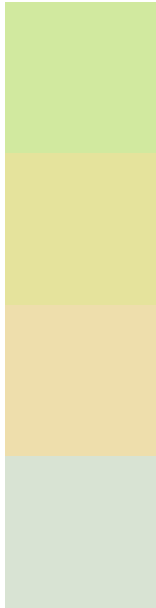
74.0341, 73.6670, 53.4972



Tritanopia

71.6311, 74.2823, 93.0006

Trichromacy



Original Color

61.6914, 74.3363, 43.8978

Protanomaly

65.7829, 73.9965, 42.2681

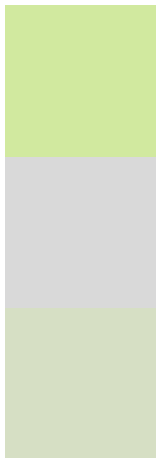
Deuteranomaly

68.8276, 73.3983, 49.5694

Tritanomaly

67.5459, 74.2402, 72.3978

Monochromacy



Original Color

61.6914, 74.3363, 43.8978

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.0830, 71.0570, 62.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6914, 74.3363, 43.8978 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, 233, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 233, 159)  
}
```

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, 233, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 233, 159) }
```

Border

The CSS property to change the border of an element to XYZ 61.6914, 74.3363, 43.8978 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, 233, 159) }
```


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

```
.border{ border-color:rgb(209, 233, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 233, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 233, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 233, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 233,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6914, 74.3363, 43.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 233, 159) }
```

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

```
.background{ background-color: rgb(209,  
233, 159) }
```

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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