

Converting Colors

XYZ(63.4841, 73.8050, 53.0193)

Have a look what the booklet for
XYZ(63.4841, 73.8050, 53.0193)
contains.

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Color

**XYZ(63.4841, 73.8050,
53.0193)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D4E6B2 |
| RGB | 212, 230, 178 |
| RGB Percent | 83%, 90%, 70% |
| CMY | 0.1686, 0.0980, 0.3020 |
| CMYK | 0.08, 0.00, 0.23, 0.10 |
| HSL | 81°, 51%, 80% |
| HSV | 81°, 23%, 90% |
| XYZ | 63.4841, 73.8050, 53.0193 |
| YIQ | 218.6900, 5.9640, -19.9880 |

Conversions

Conversions Part 2

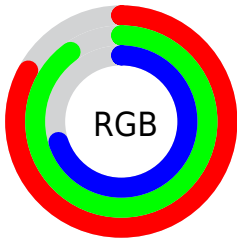
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 178, 230, 196 |
| Decimal | 13952690 |
| CIELab | 88.83, -14.79, 23.40 |
| CIELCh | 89, 27.679, 122.299 |
| Yxy | 73.8050, 0.3336, 0.3878 |
| Android (android.graphics.Color) | 4292142770 (0xFFD4E6B2) |
| YUV | 218.6900, -20.0602, -5.8671 |
| Hunter-Lab | 85.9098, -18.4375, 23.5460 |

Details

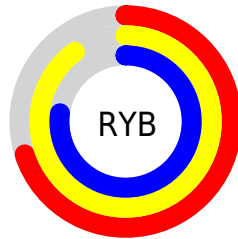
The XYZ color **63.4841, 73.8050, 53.0193** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9711, 49.2917, 81.5892**, and the grayscale version is **67.2505, 70.7527, 77.0497**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **32.7424, 38.9209, 25.1888** is the 20% darker color. If you saturate the color by 10%, you get **59.1270, 71.8059, 41.7546**, and if you desaturate by 10%, it is **68.3456, 76.0238, 66.3318**.

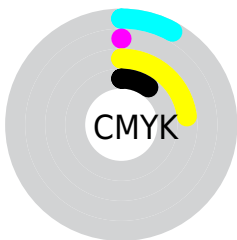
Distribution



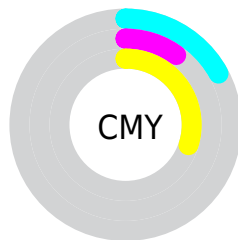
- Red (83%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)




- Cyan (17%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4841, 73.8050, 53.0193 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 63.4841, 73.8050, 53.0193 by changing the saturation by 10% instead.


 63.4841, 73.8050,
53.0193

 63.4841, 73.8050,
53.0193


426.9561,
473.8001, 415.4276

 46.4931, 54.6345,
37.4303


 108.9455,
124.6193, 96.0746

 32.8414, 39.1091,
25.2425


138.1466,
157.0319, 124.3780

 22.1636, 26.8446,
16.0371

172.1484,
194.6273, 157.7567

 14.0944, 17.4566,
9.3958

211.3164,
237.7899, 196.6292

 8.2685, 10.5605,
4.8999

256.0157,
286.9041, 241.4139

 4.3205, 5.7722,
2.1309


306.6119,


 1.8850, 2.7070,


342.3542, 292.5296

0.6341


363.4702,
404.5248, 350.3946


 0.5681, 0.9808,
0.0000


 0.0000, 0.0000,
0.0000


 63.4841, 73.8050,
53.0193


 63.4841, 73.8050,
53.0193


 59.1270, 71.8059,
41.7546


 68.3456, 76.0238,
66.3318


 55.2476, 70.0083,
32.4312

 73.7251, 78.4607,
81.7819

 51.8251, 68.4063,
24.9404

 79.6431, 81.1264,
99.4599

 48.8349, 66.9896,
19.1605

 83.6058, 83.0235,
106.2264

■ 46.2494, 65.7471,
14.9554

■ 86.4269, 84.4779,
106.3584

■ 44.0369, 64.6659,
12.1682

■ 87.5883, 85.0766,
106.4128

■ 42.1599, 63.7308,
10.6095

■ 40.9448, 63.1161,
10.0246

Harmonies

Analogous

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



69.6335, 73.8050, 48.8280



63.4841, 73.8050, 53.0193



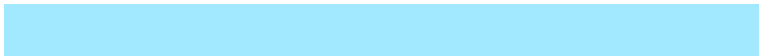
59.3435, 73.8050, 64.3916

Triad

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



63.4841, 73.8050, 53.0193



64.3259, 73.8050, 117.6818



83.8349, 73.8050, 78.8890

Complementary

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



63.4841, 73.8050, 53.0193



52.9711, 49.2917, 81.5892

Split Complementary

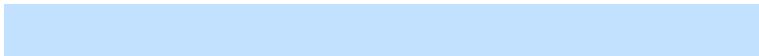
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1935, 73.8050, 98.7741



63.4841, 73.8050, 53.0193



70.6679, 73.8050, 123.1838

Square

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



63.4841, 73.8050, 53.0193



59.8073, 73.8050, 101.7471



77.2657, 73.8050, 115.7821



81.6200, 73.8050, 62.2037

Rectangle

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



63.4841, 73.8050, 53.0193



58.1342, 73.8050, 75.5147



77.2657, 73.8050, 115.7821



83.7157, 73.8050, 85.4106

Sweetspot

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



63.4860, 73.8082, 53.0209



90.0708, 97.7499, 94.3561



60.2615, 59.2195, 50.3749



19.1903, 20.8824, 19.9415



0.0000, 0.0000, 0.0000



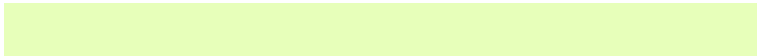
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4860, 73.8082, 53.0209



77.6465, 92.0876, 60.2203



56.7471, 70.3342, 52.7055



15.0918, 16.5544, 15.3043



23.3160, 35.8013, 5.6815



1.8221, 2.6967, 0.4245

Inverse Universe

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



52.9711, 49.2917, 81.5892



62.2152, 56.1008, 102.1572



60.1263, 52.9804, 81.9241



14.0510, 14.1285, 18.1308



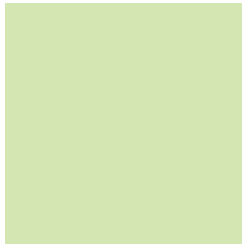
10.0603, 4.2522, 42.6737



0.8406, 0.3643, 3.1580

Previews

White Background



This preview shows how the XYZ color 63.4841, 73.8050, 53.0193 looks on a white background.

Color Contrast Check

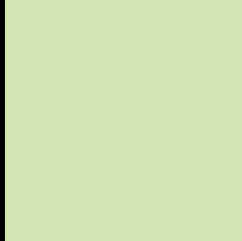
Large Text (above 18pt) WCAG AA × Fail

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 63.4841, 73.8050, 53.0193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

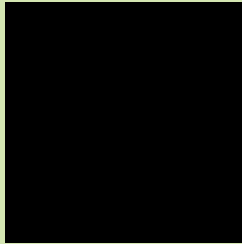
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

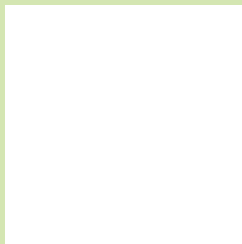
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4841, 73.8050, 53.0193

Background



This preview shows how black text looks on a background with the XYZ color 63.4841, 73.8050, 53.0193.

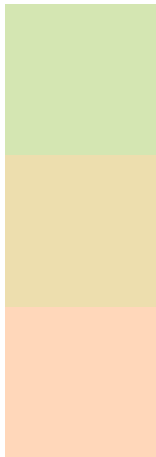


This preview shows how white text looks on a background with the XYZ color 63.4841, 73.8050,

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

63.4841, 73.8050, 53.0193

Protanopia

68.6863, 73.3031, 50.5731

Deuteranopia

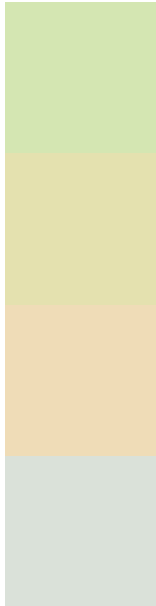
74.4034, 73.4060, 56.7017



Tritanopia

71.5201, 73.8467, 92.1457

Trichromacy



Original Color

63.4841, 73.8050, 53.0193

Protanomaly

66.6580, 73.4396, 51.2194

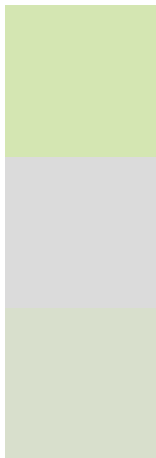
Deuteranomaly

69.7370, 72.9560, 55.2061

Tritanomaly

68.3630, 73.7656, 76.2807

Monochromacy



Original Color

63.4841, 73.8050, 53.0193

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6057, 71.7339, 67.5150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4841, 73.8050, 53.0193 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(212, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(212, 230, 178)  
}
```

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(212, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.4841, 73.8050, 53.0193 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(212, 230, 178) }
```


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

```
.border{ border-color:rgb(212, 230, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4841, 73.8050, 53.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 230, 178) }
```

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

```
.background{ background-color: rgb(212,  
230, 178) }
```

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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