

Converting Colors

XYZ(63.5041, 74.2249, 52.5948)

Have a look what the booklet for
XYZ(63.5041, 74.2249, 52.5948)
contains.

XYZ(63.3757, 74.1750, 52.5719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.3757, 74.1750,
52.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E7B1
RGB	211, 231, 177
RGB Percent	83%, 91%, 69%
CMY	0.1725, 0.0941, 0.3059
CMYK	0.09, 0.00, 0.23, 0.09
HSL	82°, 53%, 80%
HSV	82°, 23%, 91%
XYZ	63.3757, 74.1750, 52.5719
YIQ	218.8640, 5.4140, -21.0340

Conversions

Conversions Part 2

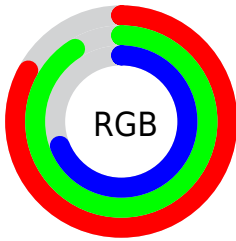
Format	Color
RYB	177, 231, 197
Decimal	13887409
CIELab	89.01, -15.79, 24.14
CIElCh	89, 28.848, 123.192
Yxy	74.1750, 0.3333, 0.3901
Android (android.graphics.Color)	4292077489 (0xFFD3E7B1)
YUV	218.8640, -20.6390, -6.8967
Hunter-Lab	86.1249, -19.3679, 24.0960

Details

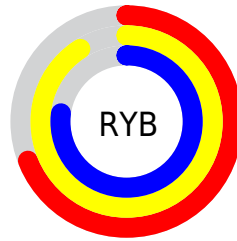
The XYZ color **63.3757, 74.1750, 52.5719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1748, 49.0861, 82.2772**, and the grayscale version is **67.3753, 70.8840, 77.1927**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **32.6784, 39.1831, 24.9095** is the 20% darker color. If you saturate the color by 10%, you get **58.8793, 72.1032, 41.3429**, and if you desaturate by 10%, it is **68.3963, 76.4765, 65.8630**.

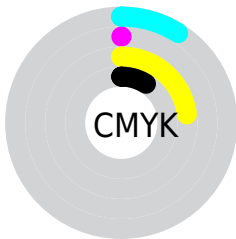
Distribution



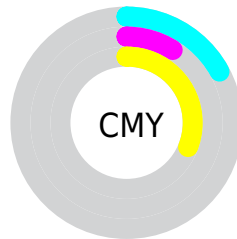
- Red (83%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)




- Cyan (17%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3757, 74.1750, 52.5719 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 63.3757, 74.1750, 52.5719 by changing the saturation by 10% instead.


 63.3757, 74.1750,
52.5719

 63.3757, 74.1750,
52.5719


426.5697,
475.0771, 413.6601

 46.4050, 54.9373,
37.0757


 108.7901,
125.1439, 95.4093

 32.7715, 39.3515,
24.9699


137.9646,
157.6438, 123.5876

 22.1099, 27.0333,
15.8358


171.9376,
195.3332, 156.8304

 14.0547, 17.5982,
9.2549

211.0747,
238.5966, 195.5561

 8.2407, 10.6619,
4.8088

255.7410,
287.8183, 240.1835

 4.3024, 5.8400,
2.0787

306.3021,

 1.8746, 2.7480,


343.3827, 291.1309


0.6031


363.1232,
405.6741, 348.8169


 0.5620, 1.0016,
0.0000


 0.0000, 0.0000,
0.0000

 63.3757, 74.1750,
52.5719


 63.3757, 74.1750,
52.5719


 58.8793, 72.1032,
41.3429


 68.3963, 76.4765,
65.8630

 54.8797, 70.2425,
32.0677

 73.9556, 79.0063,
81.3075

 51.3554, 68.5865,
24.6357

 80.0744, 81.7755,
98.9972

 48.2809, 67.1247,
18.9229

 84.3637, 83.8286,
106.3418

■ 45.6275, 65.8456,
14.7904

■ 87.4224, 85.4054,
106.4850

■ 43.3626, 64.7357,
12.0774

■ 87.8674, 85.6348,
106.5058

■ 41.4470, 63.7791,
10.5893

■ 40.3310, 63.2141,
10.0759

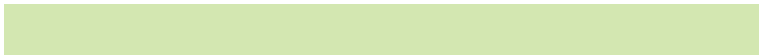
Harmonies

Analogous

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



69.7532, 74.1750, 48.0236



63.3757, 74.1750, 52.5719



59.1407, 74.1750, 64.5728

Triad

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



63.3757, 74.1750, 52.5719



64.5943, 74.1750, 120.3552



84.8357, 74.1750, 78.6335

Complementary

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



63.3757, 74.1750, 52.5719



53.1748, 49.0861, 82.2772

Split Complementary

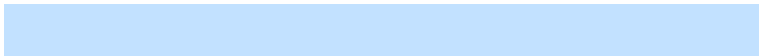
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2304, 74.1750, 99.4578



63.3757, 74.1750, 52.5719



71.2543, 74.1750, 125.7702

Square

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



63.3757, 74.1750, 52.5719



59.8108, 74.1750, 103.7968



78.1415, 74.1750, 117.5726



82.3949, 74.1750, 61.4185

Rectangle

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



63.3757, 74.1750, 52.5719



57.9447, 74.1750, 76.2729



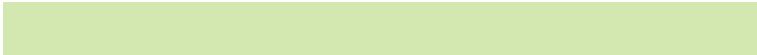
78.1415, 74.1750, 117.5726



84.7519, 74.1750, 85.4279

Sweetspot

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



63.3776, 74.1782, 52.5735



89.9170, 97.6706, 94.3489



60.8143, 60.0074, 49.9734



19.1547, 20.8640, 19.9398



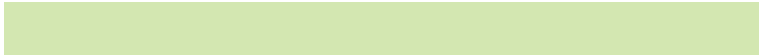
0.0000, 0.0000, 0.0000



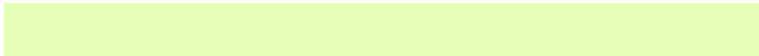
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3776, 74.1782, 52.5735



76.5399, 91.5482, 58.7644



56.3291, 70.5446, 52.2436



15.0570, 16.5364, 15.3027



22.7504, 35.5097, 5.6550



1.7829, 2.6765, 0.4226

Inverse Universe

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



53.1748, 49.0861, 82.2772



61.6998, 55.0438, 101.9803



60.8271, 53.0310, 82.6354



14.0846, 14.1458, 18.1324



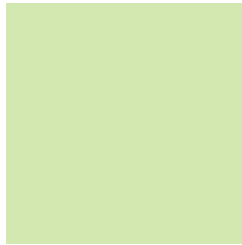
10.3412, 4.3970, 42.6868



0.8640, 0.3764, 3.1591

Previews

White Background



This preview shows how the XYZ color 63.3757, 74.1750, 52.5719 looks on a white background.

Color Contrast Check

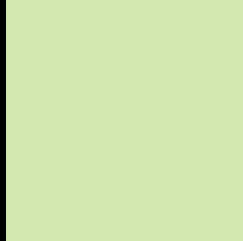
Large Text (above 18pt) WCAG AA × Fail

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 63.3757, 74.1750, 52.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

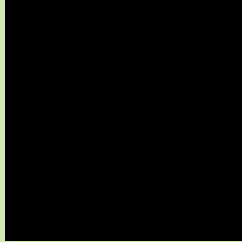
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

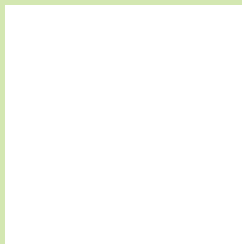
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3757, 74.1750, 52.5719

Background



This preview shows how black text looks on a background with the XYZ color 63.3757, 74.1750, 52.5719.



This preview shows how white text looks on a background with the XYZ color 63.3757, 74.1750,

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

63.3757, 74.1750, 52.5719

Protanopia

69.1904, 73.9696, 50.1660

Deuteranopia

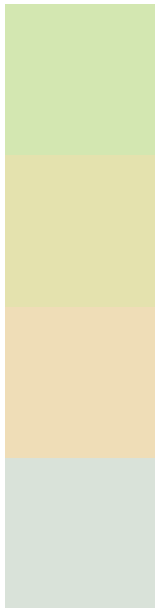
74.7655, 73.9596, 57.3488



Tritanopia

71.6311, 74.2823, 93.0006

Trichromacy



Original Color

63.3757, 74.1750, 52.5719

Protanomaly

66.8312, 73.9427, 50.7944

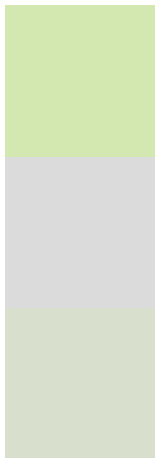
Deuteranomaly

70.0003, 73.4825, 55.2939

Tritanomaly

68.3360, 74.1542, 76.3571

Monochromacy



Original Color

63.3757, 74.1750, 52.5719

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 63.3757, 74.1750, 52.5719 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(211, 231, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 231, 177)  
}
```

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(211, 231, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 231, 177) }
```

Border

The CSS property to change the border of an element to XYZ 63.3757, 74.1750, 52.5719 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(211, 231, 177) }
```


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

```
.border{ border-color:rgb(211, 231, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 231, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 231, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 231, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 231,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3757, 74.1750, 52.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 231, 177) }
```

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

```
.background{ background-color: rgb(211,  
231, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor