

Converting Colors

XYZ(64.0643, 74.1041, 53.0465)

Have a look what the booklet for
XYZ(64.0643, 74.1041, 53.0465)
contains.

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Color

**XYZ(64.0643, 74.1041,
53.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E6B2
RGB	214, 230, 178
RGB Percent	84%, 90%, 70%
CMY	0.1608, 0.0980, 0.3020
CMYK	0.07, 0.00, 0.23, 0.10
HSL	78°, 51%, 80%
HSV	78°, 23%, 90%
XYZ	64.0643, 74.1041, 53.0465
YIQ	219.2880, 7.1560, -19.5640

Conversions

Conversions Part 2

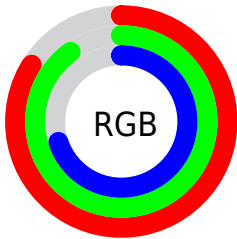
Format	Color
RYB	178, 230, 194
Decimal	14083762
CIELab	88.97, -14.07, 23.61
CIELCh	89, 27.488, 120.793
Yxy	74.1041, 0.3350, 0.3875
Android (android.graphics.Color)	4292273842 (0xFFD6E6B2)
YUV	219.2880, -20.3550, -4.6376
Hunter-Lab	86.0837, -17.8052, 23.7229

Details

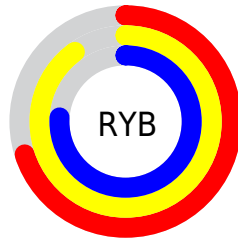
The XYZ color **64.0643, 74.1041, 53.0465** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4543, 49.0253, 81.5651**, and the grayscale version is **67.6670, 71.1910, 77.5270**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **33.1358, 39.1237, 25.2072** is the 20% darker color. If you saturate the color by 10%, you get **59.9253, 72.2175, 41.7920**, and if you desaturate by 10%, it is **68.6843, 76.1984, 66.3477**.

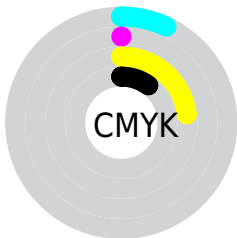
Distribution



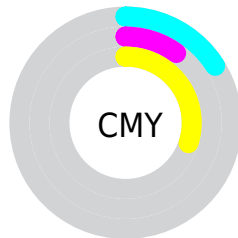
- Red (84%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0643, 74.1041, 53.0465 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 64.0643, 74.1041, 53.0465 by changing the saturation by 10% instead.

64.0643, 74.1041,
53.0465

64.0643, 74.1041,
53.0465

429.0203,
474.8326, 415.5349

46.9646, 54.8792,
37.4519

109.7768,
125.0434, 96.1150

33.2155, 39.3050,
25.2591

139.1202,
157.5266, 124.4261

22.4516, 26.9971,
16.0494

173.2757,
195.1980, 157.8130

14.3076, 17.5711,
9.4044

212.6085,
238.4421, 196.6943

8.4180, 10.6425,
4.9055

257.4841,
287.6432, 241.4886

4.4176, 5.8270,
2.1341

308.2676,

1.9410, 2.7402,

343.1857, 292.6145

0.6360

365.3246,
405.4540, 350.4904

0.6005, 0.9976,
0.0000

0.0000, 0.0000,
0.0000

64.0643, 74.1041,
53.0465

64.0643, 74.1041,
53.0465

59.9253, 72.2175,
41.7920

68.6843, 76.1984,
66.3477

56.2409, 70.5205,
32.4778

73.7984, 78.4985,
81.7854

52.9911, 69.0074,
24.9950

79.4266, 81.0148,
99.4499

50.1516, 67.6684,
19.2221

83.0746, 82.7497,
106.2015

■ 47.6954, 66.4925,
15.0231

■ 85.5559, 84.0289,
106.3177

■ 45.5914, 65.4673,
12.2409

■ 87.5883, 85.0766,
106.4128

■ 43.8025, 64.5776,
10.6863

■ 42.6399, 63.9900,
10.1039

Harmonies

Analogous

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



70.2563, 74.1041, 49.2261



64.0643, 74.1041, 53.0465



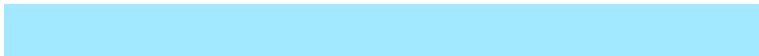
59.8125, 74.1041, 64.0436

Triad

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



64.0643, 74.1041, 53.0465



64.3535, 74.1041, 117.2190



84.0651, 74.1041, 80.1793

Complementary

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



64.0643, 74.1041, 53.0465



52.4543, 49.0253, 81.5651

Split Complementary

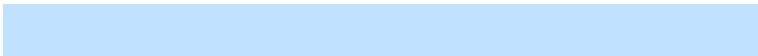
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2433, 74.1041, 99.9892



64.0643, 74.1041, 53.0465



70.6115, 74.1041, 123.3129

Square

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



64.0643, 74.1041, 53.0465



59.9719, 74.1041, 101.0089



77.2119, 74.1041, 116.5679



82.0466, 74.1041, 63.2914

Rectangle

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



64.0643, 74.1041, 53.0465



58.5068, 74.1041, 74.9460



77.2119, 74.1041, 116.5679



83.8805, 74.1041, 86.7135

Sweetspot

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



64.0662, 74.1074, 53.0481



90.3157, 97.8761, 94.3676



59.8745, 58.4455, 50.2460



19.2471, 20.9117, 19.9442



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.



64.0662, 74.1074, 53.0481



78.5085, 92.5320, 60.2606



57.1728, 70.5537, 52.7255



15.1473, 16.5830, 15.3069



24.2695, 36.2929, 5.7261



1.8873, 2.7303, 0.4275

Inverse Universe

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



52.4543, 49.0253, 81.5651



61.4675, 55.7154, 102.1222



59.6002, 52.7091, 81.8995



13.9980, 14.1012, 18.1284



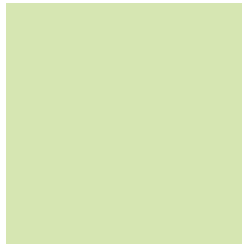
9.6582, 4.0449, 42.6549



0.8061, 0.3465, 3.1564

Previews

White Background



This preview shows how the XYZ color 64.0643, 74.1041, 53.0465 looks on a white background.

Color Contrast Check

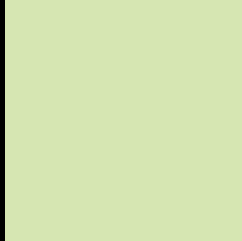
Large Text (above 18pt) WCAG AA × Fail

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 64.0643, 74.1041, 53.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

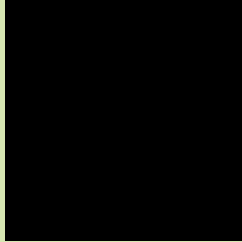
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

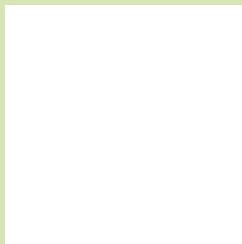
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0643, 74.1041, 53.0465

Background



This preview shows how black text looks on a background with the XYZ color 64.0643, 74.1041, 53.0465.

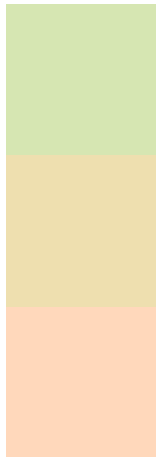


This preview shows how white text looks on a background with the XYZ color 64.0643, 74.1041,

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

64.0643, 74.1041, 53.0465

Protanopia

69.3854, 74.0476, 51.1931

Deuteranopia

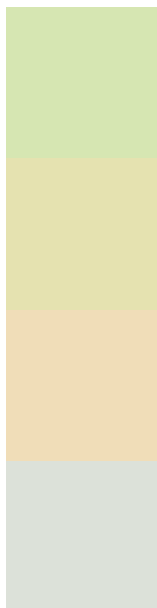
74.7655, 73.9596, 57.3488



Tritanopia

72.1327, 74.1625, 92.1744

Trichromacy



Original Color

64.0643, 74.1041, 53.0465

Protanomaly

67.3459, 74.1853, 51.8440

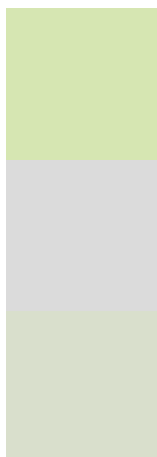
Deuteranomaly

70.4434, 73.6989, 55.8599

Tritanomaly

68.9648, 74.0758, 76.3089

Monochromacy



Original Color

64.0643, 74.1041, 53.0465

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.9020, 71.8867, 67.5289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0643, 74.1041, 53.0465 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(214, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 178) }
```

Border

The CSS property to change the border of an element to XYZ 64.0643, 74.1041, 53.0465 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(214, 230, 178) }
```


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

```
.border{ border-color:rgb(214, 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(214, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0643, 74.1041, 53.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 178) }
```

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

```
.background{ background-color: rgb(214,  
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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