

Converting Colors

XYZ(63.2401, 74.0224, 56.3020)

Have a look what the booklet for
XYZ(63.2401, 74.0224, 56.3020)
contains.

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Color

**XYZ(63.2401, 74.0224,
56.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E7B8
RGB	208, 231, 184
RGB Percent	82%, 91%, 72%
CMY	0.1843, 0.0941, 0.2784
CMYK	0.10, 0.00, 0.20, 0.09
HSL	89°, 49%, 81%
HSV	89°, 20%, 91%
XYZ	63.2401, 74.0224, 56.3020
YIQ	218.7650, 1.3790, -19.4930

Conversions

Conversions Part 2

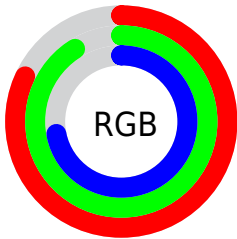
Format	Color
RYB	184, 231, 207
Decimal	13690808
CIELab	88.93, -15.79, 20.39
CIElCh	89, 25.792, 127.760
Yxy	74.0224, 0.3267, 0.3824
Android (android.graphics.Color)	4291880888 (0xFFD0E7B8)
YUV	218.7650, -17.1391, -9.4409
Hunter-Lab	86.0363, -19.3588, 21.4261

Details

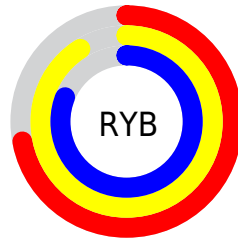
The XYZ color **63.2401, 74.0224, 56.3020** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.2993, 53.3179, 82.8766**, and the grayscale version is **67.2851, 70.7892, 77.0894**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **32.5636, 39.0709, 27.2979** is the 20% darker color. If you saturate the color by 10%, you get **57.9480, 71.5537, 44.4297**, and if you desaturate by 10%, it is **69.1582, 76.7725, 70.2707**.

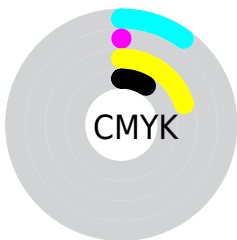
Distribution



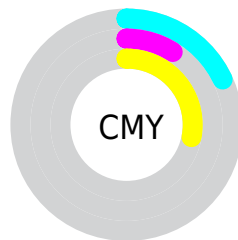
- Red (82%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)





- Cyan (18%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2401, 74.0224, 56.3020 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 63.2401, 74.0224, 56.3020 by changing the saturation by 10% instead.


 63.2401, 74.0224,
56.3020

 63.2401, 74.0224,
56.3020


426.0862,
474.5507, 428.2489

 46.2949, 54.8124,
40.0395

 108.5957,
124.9276, 100.9362

 32.6842, 39.2515,
27.2553


137.7368,
157.3915, 130.1450

 22.0427, 26.9555,
17.5309


171.6738,
195.0422, 164.5062

 14.0050, 17.5398,
10.4478

210.7722,
238.2640, 204.4385

 8.2059, 10.6201,
5.5874

255.3972,
287.4414, 250.3604

 4.2799, 5.8120,
2.5312

305.9144,

 1.8617, 2.7311,

342.9587, 302.6904

0.8566

362.6889,
405.2003, 361.8470

■ 0.5544, 0.9930,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2401, 74.0224,
56.3020

■ 63.2401, 74.0224,
56.3020

■ 57.9480, 71.5537,
44.4297

■ 69.1582, 76.7725,
70.2707

■ 53.2521, 69.3468,
34.5478

■ 75.7189, 79.8039,
86.4253

■ 49.1289, 67.3940,
26.5484

■ 82.9454, 83.1288,
104.8560

■ 45.5506, 65.6836,
20.3112

■ 87.2171, 85.2995,
106.4754

■ 42.4864, 64.2029,
15.7022

■ 87.8674, 85.6348,
106.5058

■ 39.9021, 62.9373,
12.5681

■ 37.7572, 61.8701,
10.7263

■ 36.0415, 61.0027,
9.8751

Harmonies

Analogous

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



68.7434, 74.0224, 51.0403



63.2401, 74.0224, 56.3020



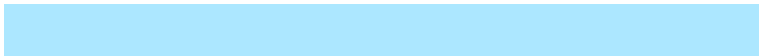
59.7931, 74.0224, 68.2423

Triad

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



63.2401, 74.0224, 56.3020



65.8981, 74.0224, 116.8993



82.9685, 74.0224, 76.0326

Complementary

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



63.2401, 74.0224, 56.3020



57.2993, 53.3179, 82.8766

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.



82.0951, 74.0224, 94.3612



63.2401, 74.0224, 56.3020



71.9937, 74.0224, 119.8045

Square

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



63.2401, 74.0224, 56.3020



61.2630, 74.0224, 103.6022



77.9868, 74.0224, 111.0366



80.3071, 74.0224, 61.2788

Rectangle

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



63.2401, 74.0224, 56.3020



59.0014, 74.0224, 79.2579



77.9868, 74.0224, 111.0366



83.0813, 74.0224, 81.9528

Sweetspot

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



63.2421, 74.0256, 56.3036



89.9822, 97.6608, 96.3125



63.8537, 64.9408, 54.5178



19.1457, 20.8506, 20.3347



0.0000, 0.0000, 0.0000



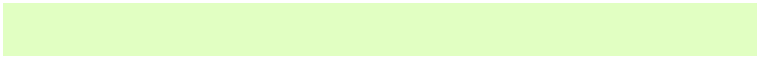
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2421, 74.0256, 56.3036



76.5414, 91.4213, 64.5332



57.1851, 70.9032, 56.0201



14.8874, 16.4490, 15.2948



20.3482, 34.2714, 5.5426



1.6108, 2.5878, 0.4146

Inverse Universe

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



57.2993, 53.3179, 82.8766



67.9610, 61.5223, 102.9008



64.2698, 56.9113, 83.2028



14.2511, 14.2317, 18.1402



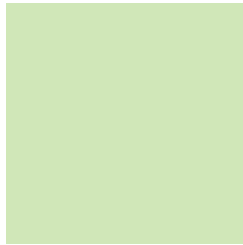
12.0504, 5.2781, 42.7668



0.9975, 0.4452, 3.1653

Previews

White Background



This preview shows how the XYZ color 63.2401, 74.0224, 56.3020 looks on a white background.

Color Contrast Check

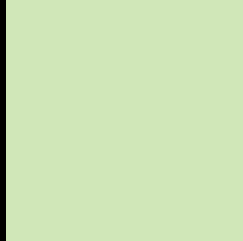
Large Text (above 18pt) WCAG AA × Fail

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 63.2401, 74.0224, 56.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

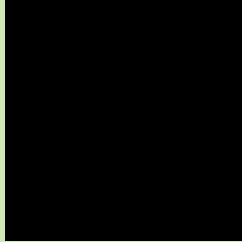
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

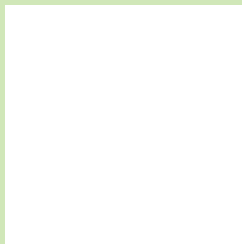
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2401, 74.0224, 56.3020

Background



This preview shows how black text looks on a background with the XYZ color 63.2401, 74.0224, 56.3020.

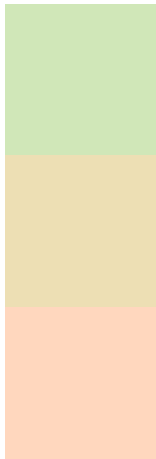


This preview shows how white text looks on a background with the XYZ color 63.2401, 74.0224,

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



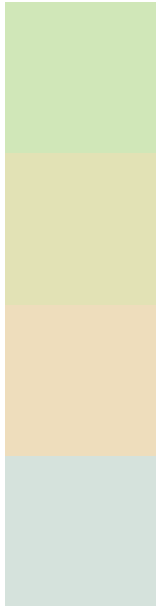
Original Color
63.2401, 74.0224, 56.3020
Protanopia
69.5509, 74.0752, 53.8122
Deuteranopia
74.8347, 73.5786, 58.9731



Tritanopia

70.5838, 73.7252, 93.7293

Trichromacy



Original Color

63.2401, 74.0224, 56.3020

Protanomaly

66.9009, 73.8977, 54.4537

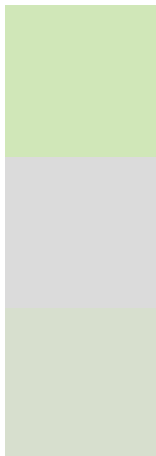
Deuteranomaly

70.1934, 73.5209, 58.0683

Tritanomaly

67.5552, 73.7062, 78.3763

Monochromacy



Original Color

63.2401, 74.0224, 56.3020

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.5526, 71.6787, 68.7729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2401, 74.0224, 56.3020 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(208, 231, 184) looks like.

```
.text, #text, p{  
    color:rgb(208, 231, 184)  
}
```

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(208, 231, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 231, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.2401, 74.0224, 56.3020 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(208, 231, 184) }
```


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

```
.border{ border-color:rgb(208, 231, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 231, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 231, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 231, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 231,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2401, 74.0224, 56.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 231, 184) }
```

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

```
.background{ background-color: rgb(208,  
231, 184) }
```

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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