

Converting Colors

XYZ(64.2315, 74.1231, 64.6727)

Have a look what the booklet for
XYZ(64.2315, 74.1231, 64.6727)
contains.

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Color

**XYZ(64.0592, 73.8390,
64.9089)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE6C7
RGB	206, 230, 199
RGB Percent	81%, 90%, 78%
CMY	0.1922, 0.0980, 0.2196
CMYK	0.10, 0.00, 0.13, 0.10
HSL	106°, 38%, 84%
HSV	106°, 13%, 90%
XYZ	64.0592, 73.8390, 64.9089
YIQ	219.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

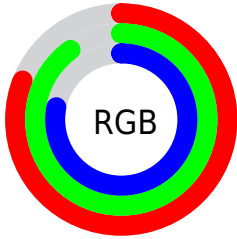
Format	Color
RYB	199, 230, 223
Decimal	13559495
CIELab	88.85, -13.54, 12.45
CIELCh	89, 18.394, 137.418
Yxy	73.8390, 0.3159, 0.3641
Android (android.graphics.Color)	4291749575 (0xFFCEE6C7)
YUV	219.2900, -10.0030, -11.6553
Hunter-Lab	85.9296, -17.3079, 15.3647

Details

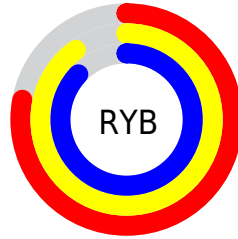
The XYZ color **64.0592, 73.8390, 64.9089** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.1408, 62.2501, 83.4490**, and the grayscale version is **67.6044, 71.1251, 77.4553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1958, 38.9918, 32.5646** is the 20% darker color. If you saturate the color by 10%, you get **56.9215, 70.4471, 51.6725**, and if you desaturate by 10%, it is **72.1648, 77.6875, 80.3006**.

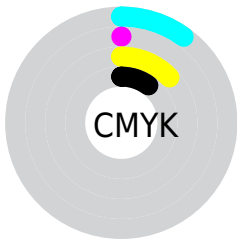
Distribution



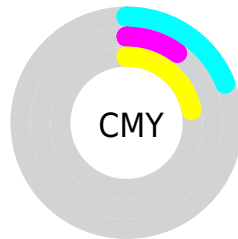
- Red (81%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0592, 73.8390, 64.9089 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 64.0592, 73.8390, 64.9089 by changing the saturation by 10% instead.

64.0592, 73.8390,
64.9089

64.0592, 73.8390,
64.9089

429.0022,
473.9175, 460.7618

46.9605, 54.6623,
46.9363

109.7694,
124.6676, 113.5309

33.2122, 39.1314,
32.6313

139.1117,
157.0882, 145.0174

22.4491, 26.8620,
21.5754

173.2658,
194.6922, 181.8457

14.3057, 17.4696,
13.3499

212.5972,
237.8641, 224.4342

8.4167, 10.5699,
7.5364

257.4712,
286.9881, 273.2015

4.4168, 5.7784,
3.7163

308.2531,

1.9405, 2.7108,

342.4488, 328.5662

1.4710

365.3083,
404.6305, 390.9468

■ 0.6002, 0.9827,
0.1962

■ 0.0000, 0.0000,
0.0000

■ 64.0592, 73.8390,
64.9089

■ 64.0592, 73.8390,
64.9089

■ 56.9215, 70.4471,
51.6725

■ 72.1648, 77.6875,
80.3006

■ 50.7091, 67.4856,
40.4907

■ 81.2668, 81.9989,
97.9327

■ 45.3847, 64.9395,
31.2617

■ 87.5883, 85.0766,
106.4128

■ 40.9067, 62.7899,
23.8735

■ 37.2294, 61.0159,
18.2024

■ 34.3029, 59.5948,
14.1097

■ 32.0711, 58.5011,
11.4351

■ 30.4689, 57.7056,
9.9843

■ 29.7106, 57.3247,
9.4989

Harmonies

Analogous

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



67.6477, 73.8390, 59.1812



64.0592, 73.8390, 64.9089



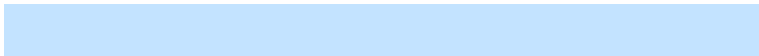
62.1460, 73.8390, 75.1696

Triad

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



64.0592, 73.8390, 64.9089



68.3315, 73.8390, 106.8084



78.6799, 73.8390, 73.2731

Complementary

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



64.0592, 73.8390, 64.9089



65.1408, 62.2501, 83.4490

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.



78.8820, 73.8390, 85.8637



64.0592, 73.8390, 64.9089



72.7783, 73.8390, 106.1620

Square

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



64.0592, 73.8390, 64.9089



64.5415, 73.8390, 99.8565



76.6825, 73.8390, 98.1740



76.1414, 73.8390, 63.6475

Rectangle

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



64.0592, 73.8390, 64.9089



62.0224, 73.8390, 83.6085



76.6825, 73.8390, 98.1740



79.0270, 73.8390, 77.2710

Sweetspot

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



64.0612, 73.8422, 64.9105



90.6049, 97.8932, 100.3461



69.2704, 73.6006, 64.5893



19.2191, 20.8706, 21.1449



0.0000, 0.0000, 0.0000



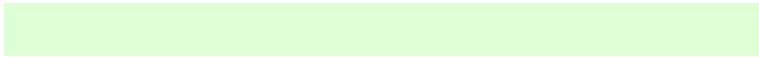
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0612, 73.8422, 64.9105



78.4813, 92.1386, 77.4004



63.1474, 73.2572, 70.0161



14.4922, 16.2453, 15.2763



16.9067, 32.4972, 5.3815



1.3287, 2.4424, 0.4014

Inverse Universe

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



65.1408, 62.2501, 83.4490



80.0793, 74.9692, 104.8576



66.2084, 62.9314, 77.5805



14.6602, 14.4426, 18.1594



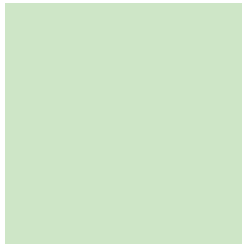
18.6010, 8.6550, 43.0734



1.4528, 0.6799, 3.1866

Previews

White Background



This preview shows how the XYZ color 64.0592, 73.8390, 64.9089 looks on a white background.

Color Contrast Check

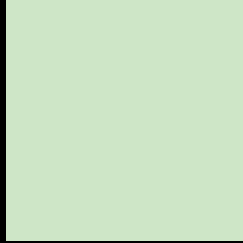
Large Text (above 18pt) WCAG AA × Fail

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 64.0592, 73.8390, 64.9089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

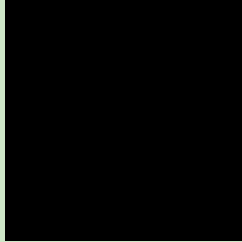
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

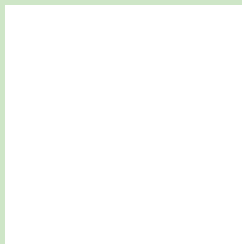
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0592, 73.8390, 64.9089

Background



This preview shows how black text looks on a background with the XYZ color 64.0592, 73.8390, 64.9089.

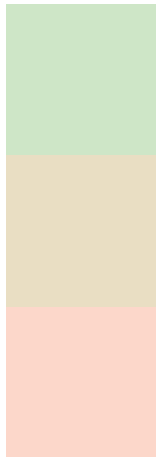


This preview shows how white text looks on a background with the XYZ color 64.0592, 73.8390,

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

64.0592, 73.8390, 64.9089

Protanopia

69.5759, 73.5063, 62.1509

Deuteranopia

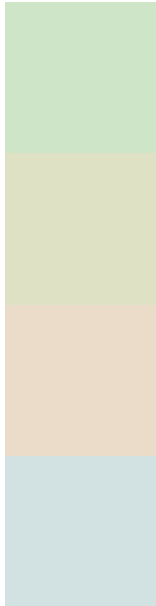
75.1060, 73.5606, 66.1172



Tritanopia

70.1232, 73.8682, 94.5665

Trichromacy



Original Color

64.0592, 73.8390, 64.9089

Protanomaly

67.3204, 73.5239, 62.8679

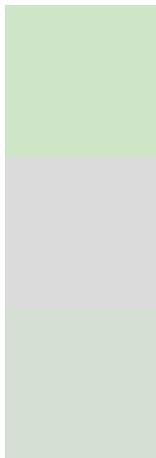
Deuteranomaly

70.3968, 73.0656, 65.6511

Tritanomaly

67.5022, 73.5853, 82.5972

Monochromacy



Original Color

64.0592, 73.8390, 64.9089

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.0029, 71.8250, 72.6722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0592, 73.8390, 64.9089 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(206, 230, 199) looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 199)  
}
```

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(206, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.0592, 73.8390, 64.9089 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(206, 230, 199) }
```


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

```
.border{ border-color:rgb(206, 230, 199) }
```

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

Here you see how a box with a 4 pixel rgb(206, 230, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0592, 73.8390, 64.9089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 199) }
```

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

```
.background{ background-color: rgb(206,  
230, 199) }
```

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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