

Converting Colors

XYZ(64.6670, 73.7654, 63.6513)

Have a look what the booklet for
XYZ(64.6670, 73.7654, 63.6513)
contains.

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Color

**XYZ(64.6757, 73.7715,
63.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E5C5
RGB	210, 229, 197
RGB Percent	82%, 90%, 77%
CMY	0.1765, 0.1019, 0.2274
CMYK	0.08, 0.00, 0.14, 0.10
HSL	96°, 38%, 84%
HSV	96°, 14%, 90%
XYZ	64.6757, 73.7715, 63.6539
YIQ	219.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

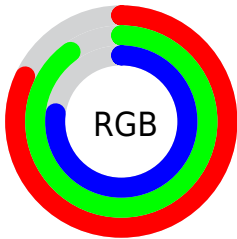
Format	Color
RYB	197, 229, 216
Decimal	13821381
CIELab	88.81, -12.00, 13.48
CIELCh	89, 18.052, 131.679
Yxy	73.7715, 0.3200, 0.3650
Android (android.graphics.Color)	4292011461 (0xFFD2E5C5)
YUV	219.6710, -11.1768, -8.4815
Hunter-Lab	85.8903, -15.8970, 16.1830

Details

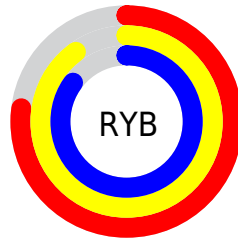
The XYZ color **64.6757, 73.7715, 63.6539** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.4310, 60.1907, 82.4602**, and the grayscale version is **67.8759, 71.4107, 77.7662**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **33.6115, 39.2238, 31.7860** is the 20% darker color. If you saturate the color by 10%, you get **58.5404, 70.8913, 50.6942**, and if you desaturate by 10%, it is **71.5427, 76.9872, 78.7317**.

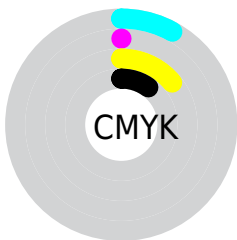
Distribution



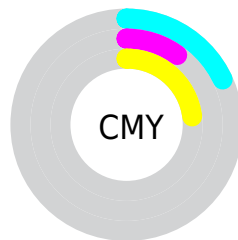
- Red (82%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6757, 73.7715, 63.6539 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 64.6757, 73.7715, 63.6539 by changing the saturation by 10% instead.

■ 64.6757, 73.7715,
63.6539

■ 64.6757, 73.7715,
63.6539

431.1893,
473.6844, 456.1118

■ 47.4619, 54.6070,
45.9260

110.6518,
124.5718, 111.7070

■ 33.6104, 39.0872,
31.8392

140.1448,
156.9765, 142.8693

■ 22.7559, 26.8276,
20.9749

174.4615,
194.5634, 179.3469

■ 14.5331, 17.4438,
12.9146

213.9674,
237.7168, 221.5582

■ 8.5765, 10.5514,
7.2397

259.0278,
286.8212, 269.9218

■ 4.5209, 5.7660,
3.5318

310.0080,

■ 2.0008, 2.7033,

342.2611, 324.8562

1.3722

367.2734,
404.4206, 386.7801

■ 0.6344, 0.9789,
0.1199

■ 0.0000, 0.0000,
0.0000

■ 64.6757, 73.7715,
63.6539

■ 64.6757, 73.7715,
63.6539

■ 58.5404, 70.8913,
50.6942

■ 71.5427, 76.9872,
78.7317

■ 53.1048, 68.3257,
39.7530

■ 79.1601, 80.5395,
96.0116

■ 48.3430, 66.0657,
30.7299

■ 85.7815, 83.7332,
106.2487

■ 44.2253, 64.0984,
23.5139

■ 87.3108, 84.5216,
106.3203

■ 40.7194, 62.4098,
17.9828

■ 37.7895, 60.9845,
13.9990

■ 35.3952, 59.8052,
11.4036

■ 33.4891, 58.8516,
10.0027

■ 32.5368, 58.3697,
9.5516

Harmonies

Analogous

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



68.4299, 73.7715, 58.9821



64.6757, 73.7715, 63.6539



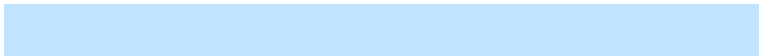
62.4373, 73.7715, 72.9931

Triad

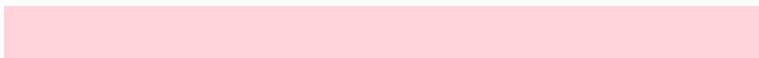
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6757, 73.7715, 63.6539



67.5086, 73.7715, 105.4117



78.6750, 73.7715, 75.5496

Complementary

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



64.6757, 73.7715, 63.6539



62.4310, 60.1907, 82.4602

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.



78.4032, 73.7715, 88.1314



64.6757, 73.7715, 63.6539



71.8329, 73.7715, 106.2793

Square

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



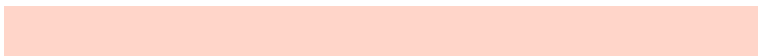
64.6757, 73.7715, 63.6539



64.0254, 73.7715, 97.4181



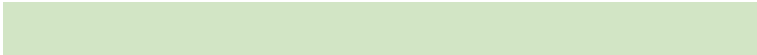
75.8565, 73.7715, 99.6781



76.5845, 73.7715, 65.3576

Rectangle

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



64.6757, 73.7715, 63.6539



62.0471, 73.7715, 81.0320



75.8565, 73.7715, 99.6781



78.8592, 73.7715, 79.6213

Sweetspot

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



64.6777, 73.7747, 63.6555



91.2575, 98.2296, 100.3766



66.8646, 69.6333, 62.7409



19.3839, 20.9556, 21.1526



0.0000, 0.0000, 0.0000



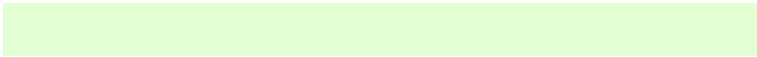
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6777, 73.7747, 63.6555



79.9950, 92.9563, 75.7823



61.4339, 72.0668, 65.1132



14.7408, 16.3735, 15.2879



18.7302, 33.4373, 5.4669



1.4871, 2.5240, 0.4088

Inverse Universe

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



62.4310, 60.1907, 82.4602



76.5622, 72.2043, 104.5093



66.0554, 62.1018, 80.7006



14.3993, 14.3081, 18.1471



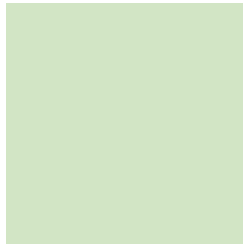
14.0297, 6.2985, 42.8594



1.1413, 0.5193, 3.1721

Previews

White Background



This preview shows how the XYZ color 64.6757, 73.7715, 63.6539 looks on a white background.

Color Contrast Check

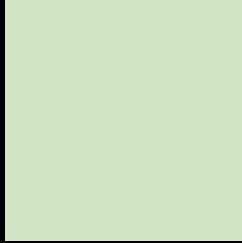
Large Text (above 18pt) WCAG AA × Fail

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 64.6757, 73.7715, 63.6539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

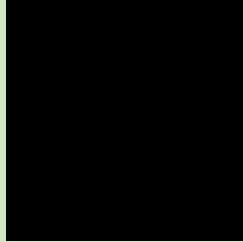
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

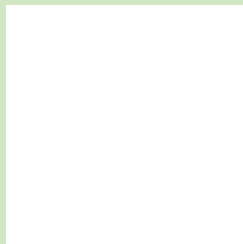
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6757, 73.7715, 63.6539

Background



This preview shows how black text looks on a background with the XYZ color 64.6757, 73.7715, 63.6539.



This preview shows how white text looks on a background with the XYZ color 64.6757, 73.7715,

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

64.6757, 73.7715, 63.6539

Protanopia

69.3512, 73.4164, 60.9677

Deuteranopia

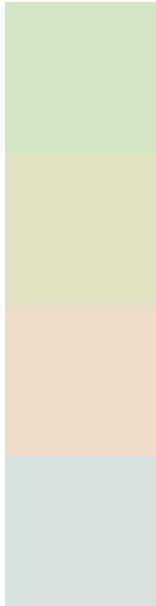
75.2338, 73.6537, 64.8949



Tritanopia

70.7311, 73.8183, 92.9585

Trichromacy



Original Color

64.6757, 73.7715, 63.6539

Protanomaly

67.7142, 73.7530, 61.7058

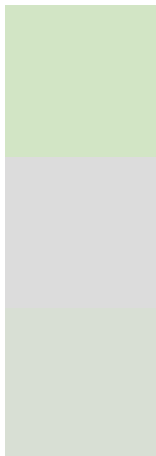
Deuteranomaly

70.8271, 73.3144, 64.4509

Tritanomaly

68.1113, 73.5284, 81.1236

Monochromacy



Original Color

64.6757, 73.7715, 63.6539

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.5902, 72.1277, 72.6997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6757, 73.7715, 63.6539 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(210, 229, 197) looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 197)  
}
```

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(210, 229, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 197) }
```

Border

The CSS property to change the border of an element to XYZ 64.6757, 73.7715, 63.6539 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(210, 229, 197) }
```


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

```
.border{ border-color:rgb(210, 229, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 229, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 229, 197); box-shadow:4px 4px 4px 4px rgb(210, 229, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6757, 73.7715, 63.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 197) }
```

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

```
.background{ background-color: rgb(210,  
229, 197) }
```

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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