

Converting Colors

XYZ(63.6543, 73.6551, 73.5256)

Have a look what the booklet for
XYZ(63.6543, 73.6551, 73.5256)
contains.

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Color

**XYZ(63.8749, 73.9617,
73.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E7D5
RGB	198, 231, 213
RGB Percent	78%, 91%, 84%
CMY	0.2235, 0.0941, 0.1647
CMYK	0.14, 0.00, 0.08, 0.09
HSL	147°, 41%, 84%
HSV	147°, 14%, 91%
XYZ	63.8749, 73.9617, 73.8603
YIQ	219.0810, -13.8900, -12.5940

Conversions

Conversions Part 2

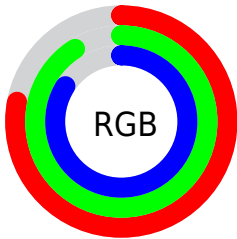
Format	Color
RYB	198, 221, 231
Decimal	13035477
CIELab	88.90, -14.21, 5.14
CIELCh	89, 15.115, 160.123
Yxy	73.9617, 0.3017, 0.3494
Android (android.graphics.Color)	4291225557 (0xFFC6E7D5)
YUV	219.0810, -2.9979, -18.4880
Hunter-Lab	86.0010, -17.9257, 9.2806

Details

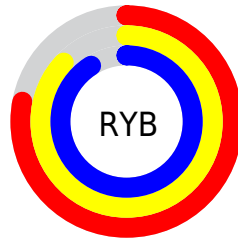
The XYZ color **63.8749, 73.9617, 73.8603** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5464, 62.3369, 73.5467**, and the grayscale version is **67.4169, 70.9278, 77.2404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0031, 39.0579, 38.1472** is the 20% darker color. If you saturate the color by 10%, you get **56.7066, 70.4460, 65.4980**, and if you desaturate by 10%, it is **72.1003, 78.0121, 82.9240**.

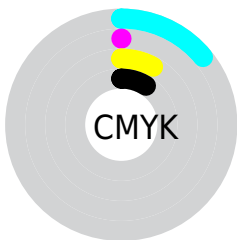
Distribution



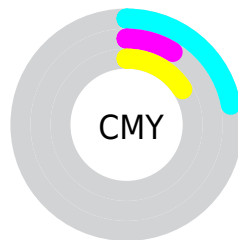
- Red (78%)
- Green (91%)
- Blue (84%)



- Red (78%)
- Yellow (87%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8749, 73.9617, 73.8603 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 63.8749, 73.9617, 73.8603 by changing the saturation by 10% instead.

63.8749, 73.9617,
73.8603

63.8749, 73.9617,
73.8603

428.3471,
474.3412, 493.1416

46.8107, 54.7627,
54.1836

109.5055,
124.8415, 126.4300

33.0933, 39.2118,
38.3543

138.8026,
157.2911, 160.1600

22.3575, 26.9245,
25.9538

172.9079,
194.9264, 199.4116

14.2379, 17.5165,
16.5636

212.1870,
238.1316, 244.6033

8.3691, 10.6034,
9.7652

257.0051,
287.2914, 296.1536

4.3858, 5.8009,
5.1400


307.7276,


1.9226, 2.7244,


342.7900, 354.4810


2.2695


364.7198,
405.0117, 420.0042


 0.5899, 0.9896,
0.7140

 0.0000, 0.0000,
0.0000


 63.8749, 73.9617,
73.8603


 63.8749, 73.9617,
73.8603


 56.7066, 70.4460,
65.4980


 72.1003, 78.0121,
82.9240

 50.5444, 67.4330,
57.8154

 81.4186, 82.6091,
92.7004

 45.3424, 64.9012,
50.7968

 87.1993, 85.3674,
102.9880

 41.0485, 62.8242,
44.4239

 87.8673, 85.6346,
106.5058

■ 37.6052, 61.1728,
38.6777

■ 34.9483, 59.9141,
33.5379

■ 33.0037, 59.0104,
28.9833

■ 31.6815, 58.4158,
24.9907

■ 31.1267, 58.1744,
22.9506

Harmonies

Analogous

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



65.8525, 73.9617, 66.0588



63.8749, 73.9617, 73.8603



63.5843, 73.9617, 84.1326

Triad

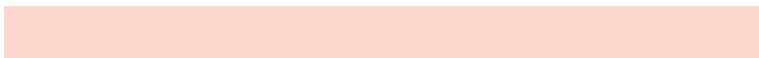
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.8749, 73.9617, 73.8603



71.5447, 73.9617, 102.0872



75.8280, 73.9617, 68.2089

Complementary

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



63.8749, 73.9617, 73.8603



65.5464, 62.3369, 73.5467

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.



77.4692, 73.9617, 77.0350



63.8749, 73.9617, 73.8603



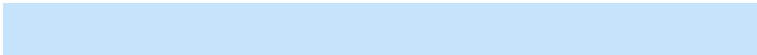
74.9400, 73.9617, 96.9777

Square

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



63.8749, 73.9617, 73.8603



67.9286, 73.9617, 101.0500



77.1387, 73.9617, 87.5932



72.7226, 73.9617, 62.9978

Rectangle

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



63.8749, 73.9617, 73.8603



64.3753, 73.9617, 91.0950



77.1387, 73.9617, 87.5932



76.5740, 73.9617, 70.8183

Sweetspot

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



63.8770, 73.9648, 73.8619



90.5134, 97.7633, 104.0791



67.1349, 75.8542, 64.5301



19.1963, 20.8380, 22.0866



0.0000, 0.0000, 0.0000



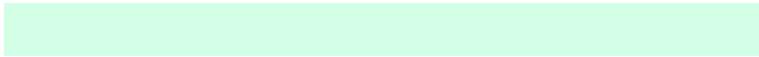
20.3446, 21.4041, 23.3091

Same Dimension

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



63.8770, 73.9648, 73.8619



77.2843, 91.2546, 89.4032



66.0590, 74.8376, 85.3522



14.4603, 16.1976, 16.6889



17.5101, 32.6361, 13.1864



1.3403, 2.4302, 1.2185

Inverse Universe

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



65.5464, 62.3369, 73.5467



79.7345, 74.1875, 88.9399



63.5358, 61.5326, 62.9589



14.7042, 14.4989, 16.6429



20.6501, 10.3943, 12.3182



1.5727, 0.7868, 1.1564

Previews

White Background



This preview shows how the XYZ color 63.8749, 73.9617, 73.8603 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 63.8749, 73.9617, 73.8603 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

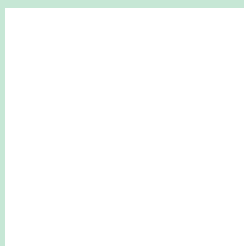
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8749, 73.9617, 73.8603

Background



This preview shows how black text looks on a background with the XYZ color 63.8749, 73.9617, 73.8603.

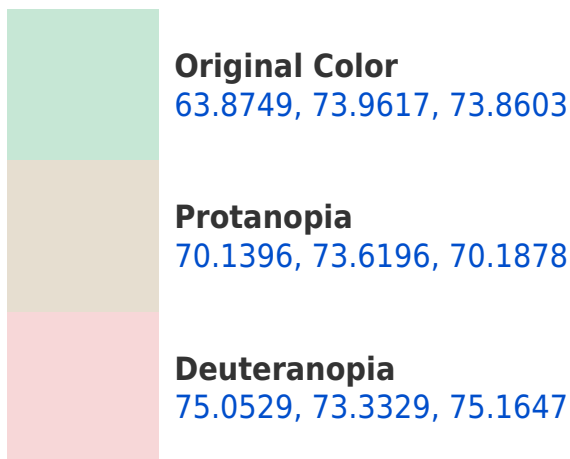


This preview shows how white text looks on a background with the XYZ color 63.8749, 73.9617,

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

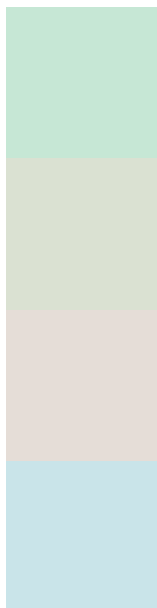




Tritanopia

68.1541, 73.6209, 96.2061

Trichromacy



Original Color

63.8749, 73.9617, 73.8603

Protanomaly

67.4715, 73.4090, 71.5860

Deuteranomaly

70.4353, 73.2772, 74.7216

Tritanomaly

66.5388, 73.7875, 87.8262

Monochromacy



Original Color

63.8749, 73.9617, 73.8603

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.7760, 71.6340, 76.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8749, 73.9617, 73.8603 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(198, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 213)  
}
```

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(198, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 63.8749, 73.9617, 73.8603 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(198, 231, 213) }
```


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

```
.border{ border-color:rgb(198, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8749, 73.9617, 73.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 213) }
```

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

```
.background{ background-color: rgb(198,  
231, 213) }
```

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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