

Converting Colors

XYZ(63.0611, 73.2933, 65.4757)

Have a look what the booklet for
XYZ(63.0611, 73.2933, 65.4757)
contains.

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Color

**XYZ(63.0793, 73.3203,
65.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE6C8
RGB	202, 230, 200
RGB Percent	79%, 90%, 78%
CMY	0.2078, 0.0980, 0.2157
CMYK	0.12, 0.00, 0.13, 0.10
HSL	116°, 38%, 84%
HSV	116°, 13%, 90%
XYZ	63.0793, 73.3203, 65.4712
YIQ	218.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

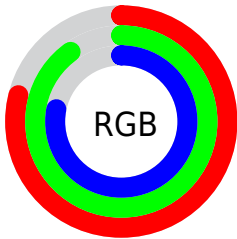
Format	Color
R _Y B	200, 230, 228
Decimal	13297352
CIE Lab	88.60, -14.73, 11.54
CIE LCh	89, 18.710, 141.930
Yxy	73.3203, 0.3125, 0.3632
Android (android.graphics.Color)	4291487432 (0xFFCAE6C8)
YUV	218.2080, -8.9765, -14.2144
Hunter-Lab	85.6273, -18.3516, 14.6056

Details

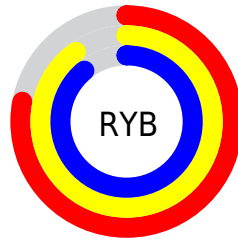
The XYZ color **63.0793, 73.3203, 65.4712** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.9350, 63.5177, 83.5989**, and the grayscale version is **66.8492, 70.3306, 76.5900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5371, 38.6433, 32.9381** is the 20% darker color. If you saturate the color by 10%, you get **55.1811, 69.5383, 52.1096**, and if you desaturate by 10%, it is **72.1940, 77.6869, 81.0037**.

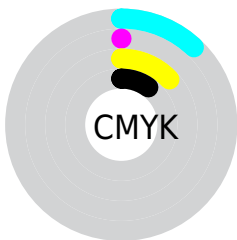
Distribution



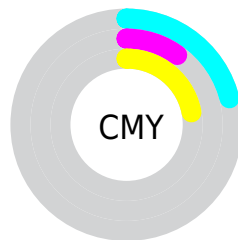
- Red (79%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0793, 73.3203, 65.4712 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 63.0793, 73.3203, 65.4712 by changing the saturation by 10% instead.

■ 63.0793, 73.3203,
65.4712

■ 63.0793, 73.3203,
65.4712

425.5123,
472.1242, 462.8358

■ 46.1643, 54.2379,
47.3895

108.3651,
123.9318, 114.3468

■ 32.5806, 38.7919,
32.9871

137.4665,
156.2297, 145.9777

■ 21.9631, 26.5979,
21.8455

171.3608,
193.7016, 182.9622

■ 13.9462, 17.2714,
13.5462

210.4133,
236.7318, 225.7187

■ 8.1647, 10.4282,
7.6706

254.9893,
285.7048, 274.6657

■ 4.2532, 5.6838,
3.8002

305.4543,

■ 1.8464, 2.6538,

341.0049, 330.2219

1.5164

362.1735,
403.0166, 392.8058

■ 0.5454, 0.9538,
0.2301

■ 0.0000, 0.0000,
0.0000

■ 63.0793, 73.3203,
65.4712

■ 63.0793, 73.3203,
65.4712

■ 55.1811, 69.5383,
52.1096

■ 72.1940, 77.6869,
81.0037

■ 48.4423, 66.3073,
40.8176

■ 82.5673, 82.6515,
98.7926

■ 42.8100, 63.6043,
31.4934

■ 87.5882, 85.0765,
106.4127

■ 38.2249, 61.4012,
24.0243

■ 34.6223, 59.6672,
18.2863

■ 31.9302, 58.3684,
14.1406

■ 30.0666, 57.4658,
11.4266

■ 28.9348, 56.9138,
9.9506

■ 28.5006, 56.7008,
9.4422

Harmonies

Analogous

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



66.4985, 73.3203, 58.9312



63.0793, 73.3203, 65.4712



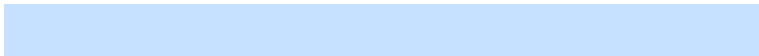
61.4469, 73.3203, 76.3957

Triad

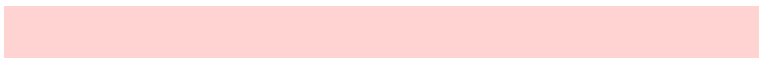
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.0793, 73.3203, 65.4712



68.4779, 73.3203, 107.0479



78.0507, 73.3203, 70.9086

Complementary

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



63.0793, 73.3203, 65.4712



66.9350, 63.5177, 83.5989

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.



78.6365, 73.3203, 83.3726



63.0793, 73.3203, 65.4712



72.9794, 73.3203, 105.1720

Square

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



63.0793, 73.3203, 65.4712



64.4747, 73.3203, 101.0355



76.7445, 73.3203, 96.1558



75.1766, 73.3203, 61.8264

Rectangle

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



63.0793, 73.3203, 65.4712



61.5402, 73.3203, 85.0805



76.7445, 73.3203, 96.1558



78.5266, 73.3203, 74.8065

Sweetspot

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



63.0813, 73.3234, 65.4728



90.0347, 97.5993, 100.3194



70.8050, 76.4835, 65.6757



19.0754, 20.7966, 21.1381



0.0000, 0.0000, 0.0000



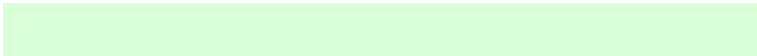
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0813, 73.3234, 65.4728



76.5144, 91.1246, 77.3084



64.1288, 73.6803, 73.7947



14.2778, 16.1348, 15.2663



16.1702, 32.1176, 5.3471



1.2264, 2.3896, 0.3966

Inverse Universe

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



66.9350, 63.5177, 83.5989



82.3939, 76.1623, 104.9659



65.8143, 63.1432, 74.3672



14.8953, 14.5638, 18.1704



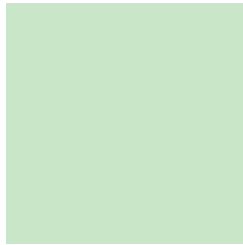
23.9388, 11.4068, 43.3232



1.7977, 0.8577, 3.2028

Previews

White Background



This preview shows how the XYZ color 63.0793, 73.3203, 65.4712 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 63.0793, 73.3203, 65.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

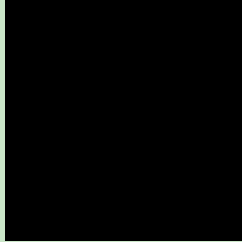
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

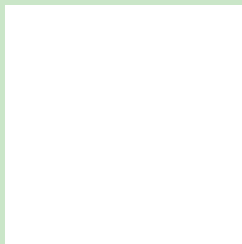
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0793, 73.3203, 65.4712

Background



This preview shows how black text looks on a background with the XYZ color 63.0793, 73.3203, 65.4712.

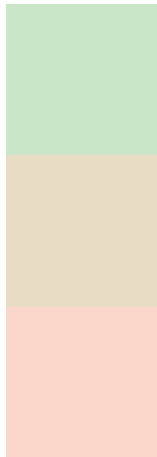


This preview shows how white text looks on a background with the XYZ color 63.0793, 73.3203, 65.4712.

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

63.0793, 73.3203, 65.4712

Protanopia

69.0990, 72.8542, 62.6449

Deuteranopia

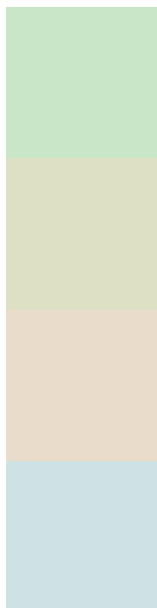
74.2504, 72.7289, 66.6246



Tritanopia

68.9772, 73.2774, 94.5129

Trichromacy



Original Color

63.0793, 73.3203, 65.4712

Protanomaly

66.5525, 72.7147, 63.3510

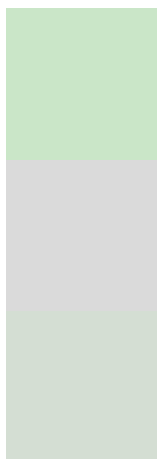
Deuteranomaly

69.8581, 72.7743, 66.2420

Tritanomaly

66.5151, 73.0606, 83.2694

Monochromacy



Original Color

63.0793, 73.3203, 65.4712

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.0305, 70.9427, 71.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0793, 73.3203, 65.4712 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(202, 230, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 200)  
}
```

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(202, 230, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.0793, 73.3203, 65.4712 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(202, 230, 200) }
```


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

```
.border{ border-color:rgb(202, 230, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 230, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0793, 73.3203, 65.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 200) }
```

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

```
.background{ background-color: rgb(202,  
230, 200) }
```

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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