

Converting Colors

XYZ(65.5779, 77.1964, 63.0738)

Have a look what the booklet for
XYZ(65.5779, 77.1964, 63.0738)
contains.

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Color

**XYZ(65.5779, 77.1964,
63.0738)**

Conversions

Conversions Part 1

Format	Color
Hex	CFECC3
RGB	207, 236, 195
RGB Percent	81%, 93%, 76%
CMY	0.1882, 0.0745, 0.2353
CMYK	0.12, 0.00, 0.17, 0.07
HSL	102°, 52%, 85%
HSV	102°, 17%, 93%
XYZ	65.5779, 77.1964, 63.0738
YIQ	222.6550, -4.1230, -18.8990

Conversions

Conversions Part 2

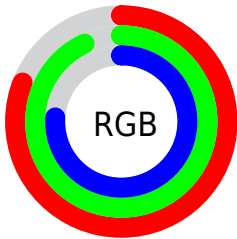
Format	Color
RYB	195, 236, 224
Decimal	13626563
CIELab	90.41, -16.85, 16.75
CIELCh	90, 23.760, 135.184
Yxy	77.1964, 0.3186, 0.3750
Android (android.graphics.Color)	4291816643 (0xFFCFECC3)
YUV	222.6550, -13.6339, -13.7294
Hunter-Lab	87.8615, -20.5291, 18.9401

Details

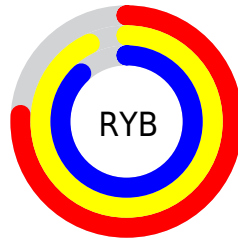
The XYZ color **65.5779, 77.1964, 63.0738** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.3989, 60.9357, 87.6758**, and the grayscale version is **69.9919, 73.6370, 80.1907**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.0779, 41.2410, 31.3635** is the 20% darker color. If you saturate the color by 10%, you get **58.6980, 73.9363, 49.9064**, and if you desaturate by 10%, it is **73.3769, 80.8861, 78.4889**.

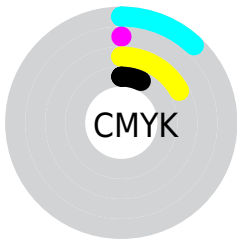
Distribution



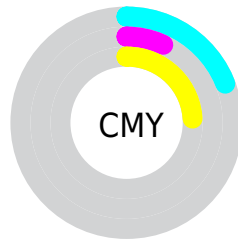
- Red (81%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5779, 77.1964, 63.0738 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 65.5779, 77.1964, 63.0738 by changing the saturation by 10% instead.

65.5779, 77.1964,
63.0738

65.5779, 77.1964,
63.0738

434.3783,
485.4334, 453.9526

48.1963, 57.4141,
45.4595

111.9414,
129.4167, 110.8626

34.1942, 41.3378,
31.4740

141.6539,
162.6234, 141.8742

23.2065, 28.5831,
20.6985

176.2075,
201.0738, 178.1886

14.8676, 18.7657,
12.7147

215.9675,
245.1521, 220.2245

8.8122, 11.5011,
7.1040

261.2992,
295.2429, 268.4002

4.6750, 6.4049,
3.4478

312.5680,

2.0907, 3.0928,

351.7304, 323.1345

1.3276

370.1392,
414.9991, 384.8458

0.6841, 1.1804,
0.0842

0.0000, 0.0456,
0.0000

65.5779, 77.1964,
63.0738

65.5779, 77.1964,
63.0738

58.6980, 73.9363,
49.9064

73.3769, 80.8861,
78.4889

52.6960, 71.0801,
38.8768

82.1220, 85.0104,
96.2447

47.5366, 68.6142,
29.8737

89.2870, 88.4739,
106.9790

43.1795, 66.5207,
22.7733

■ 39.5811, 64.7800,
17.4387

■ 36.6926, 63.3704,
13.7143

■ 34.4591, 62.2675,
11.4175

■ 32.8127, 61.4416,
10.3080

■ 32.4558, 61.2615,
10.1141

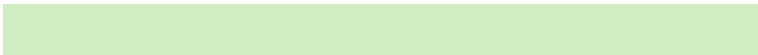
Harmonies

Analogous

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



70.4267, 77.1964, 56.3128



65.5779, 77.1964, 63.0738



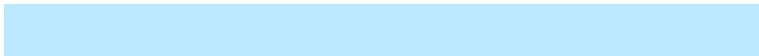
62.8924, 77.1964, 75.9764

Triad

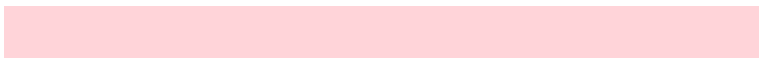
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5779, 77.1964, 63.0738



70.4955, 77.1964, 119.7412



84.9366, 77.1964, 75.7876

Complementary

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



65.5779, 77.1964, 63.0738



65.3989, 60.9357, 87.6758

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.



84.9574, 77.1964, 92.6842



65.5779, 77.1964, 63.0738



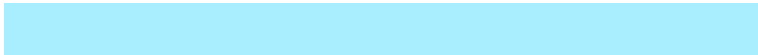
76.4000, 77.1964, 119.6726

Square

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



65.5779, 77.1964, 63.0738



65.6259, 77.1964, 109.4120



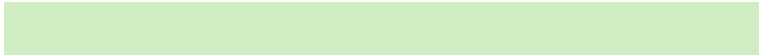
81.7623, 77.1964, 109.2356



81.7067, 77.1964, 62.9517

Rectangle

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



65.5779, 77.1964, 63.0738



62.5928, 77.1964, 87.0388



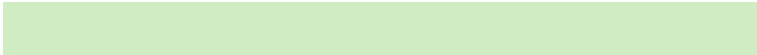
81.7623, 77.1964, 109.2356



85.3246, 77.1964, 81.1378

Sweetspot

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



65.5800, 77.1997, 63.0755



89.8240, 97.5353, 98.2934



71.0206, 74.9265, 62.3499



19.0738, 20.8047, 20.7320



0.0000, 0.0000, 0.0000



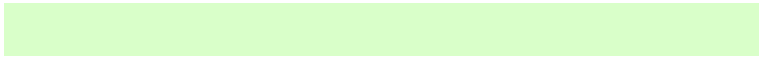
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5800, 77.1997, 63.0755



75.0069, 90.5285, 69.0568



63.3068, 75.9178, 67.9435



15.2825, 17.0757, 16.0092



18.0013, 33.8245, 5.5800



1.5064, 2.7039, 0.4425

Inverse Universe

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



65.3989, 60.9357, 87.6758



74.7495, 67.6115, 103.7183



68.0858, 62.4554, 81.7232



15.2606, 15.0796, 19.0286



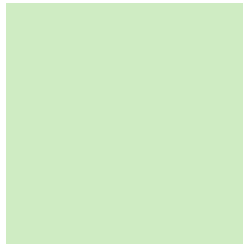
17.2578, 7.9327, 44.3645



1.4502, 0.6719, 3.4881

Previews

White Background



This preview shows how the XYZ color 65.5779, 77.1964, 63.0738 looks on a white background.

Color Contrast Check

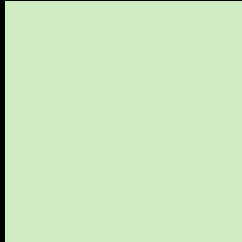
Large Text (above 18pt) WCAG AA × Fail

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 65.5779, 77.1964, 63.0738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

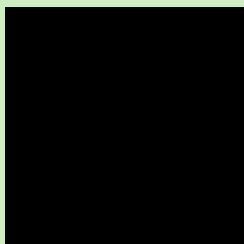
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

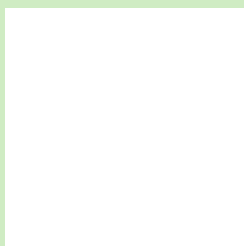
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5779, 77.1964, 63.0738

Background



This preview shows how black text looks on a background with the XYZ color 65.5779, 77.1964, 63.0738.

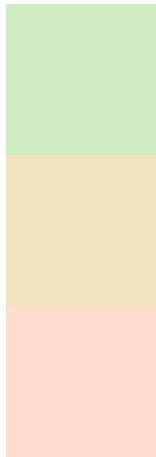


This preview shows how white text looks on a background with the XYZ color 65.5779, 77.1964,

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

65.5779, 77.1964, 63.0738

Protanopia

72.6985, 77.1811, 59.7810

Deuteranopia

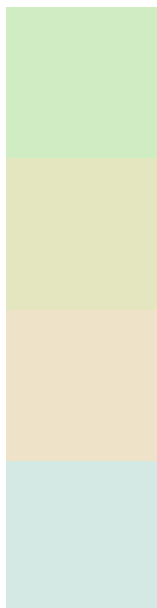
77.6127, 76.7582, 67.2251



Tritanopia

72.8321, 77.2011, 99.0583

Trichromacy



Original Color

65.5779, 77.1964, 63.0738

Protanomaly

69.8062, 76.8934, 61.0319

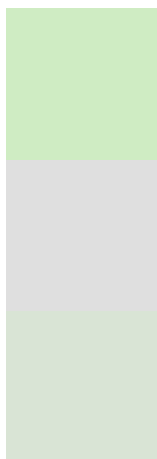
Deuteranomaly

72.8816, 76.7400, 65.6146

Tritanomaly

70.0116, 77.3117, 84.6314

Monochromacy



Original Color

65.5779, 77.1964, 63.0738

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.3689, 75.0426, 73.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5779, 77.1964, 63.0738 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(207, 236, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 236, 195)  
}
```

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(207, 236, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 236, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.5779, 77.1964, 63.0738 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(207, 236, 195) }
```


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

```
.border{ border-color:rgb(207, 236, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 236, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 236, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 236, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 236,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5779, 77.1964, 63.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 236, 195) }
```

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

```
.background{ background-color: rgb(207,  
236, 195) }
```

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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