

Converting Colors

XYZ(63.5573, 79.2444, 61.8150)

Have a look what the booklet for
XYZ(63.5573, 79.2444, 61.8150)
contains.

XYZ(63.5573, 79.2444, 61.8150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5573, 79.2444,
61.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F3C0
RGB	193, 243, 192
RGB Percent	76%, 95%, 75%
CMY	0.2431, 0.0470, 0.2471
CMYK	0.21, 0.00, 0.21, 0.05
HSL	119°, 68%, 85%
HSV	119°, 21%, 95%
XYZ	63.5573, 79.2444, 61.8150
YIQ	222.2360, -13.4290, -26.4610

Conversions

Conversions Part 2

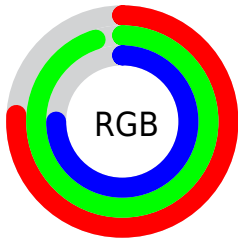
Format	Color
RYB	192, 243, 242
Decimal	12710848
CIELab	91.34, -25.46, 19.47
CIElCh	91, 32.053, 142.592
Yxy	79.2444, 0.3106, 0.3873
Android (android.graphics.Color)	4290900928 (0xFFC1F3C0)
YUV	222.2360, -14.9063, -25.6400
Hunter-Lab	89.0193, -28.3398, 21.1426

Details

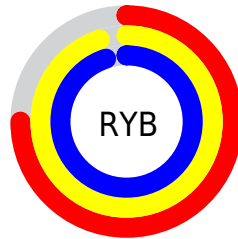
The XYZ color **63.5573, 79.2444, 61.8150** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.6486, 63.0499, 93.1917**, and the grayscale version is **69.7085, 73.3388, 79.8659**.

A 20% lighter version of the original color is **92.2832, 98.6835, 103.8065**, and **33.0052, 42.8646, 30.5789** is the 20% darker color. If you saturate the color by 10%, you get **55.4924, 75.3749, 48.5242**, and if you desaturate by 10%, it is **73.0494, 83.8028, 77.4964**.

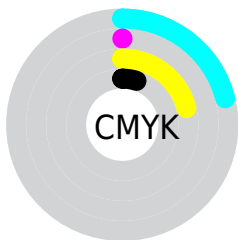
Distribution



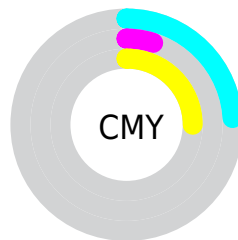
- Red (76%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (95%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5573, 79.2444, 61.8150 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 63.5573, 79.2444, 61.8150 by changing the saturation by 10% instead.

63.5573, 79.2444,
61.8150

63.5573, 79.2444,
61.8150

427.2168,
492.3828, 449.2450

46.5525, 59.0968,
44.4484

109.0504,
132.3029, 109.0271

32.8885, 42.6910,
30.6834

138.2695,
165.9825, 139.7097

22.1999, 29.6428,
20.1014

172.2908,
204.9416, 175.6681

14.1213, 19.5676,
12.2840

211.4795,
249.5645, 217.3207

8.2873, 12.0811,
6.8125

256.2012,
300.2357, 265.0862

4.3327, 6.7989,
3.2685

306.8210,

1.8920, 3.3367,

357.3396, 319.3830

1.2333

363.7044,
421.2604, 380.6298

■ 0.5722, 1.3099,
0.0062

■ 0.0000, 0.1489,
0.0000

■ 63.5573, 79.2444,
61.8150

■ 63.5573, 79.2444,
61.8150

■ 55.4924, 75.3749,
48.5242

■ 73.0494, 83.8028,
77.4964

■ 48.7797, 72.1514,
37.5018

■ 84.0264, 89.0707,
95.6722

■ 43.3473, 69.5418,
28.6227

■ 91.3422, 92.5843,
107.6641

■ 39.1137, 67.5071,
21.7475

■ 35.9882, 66.0039,
16.7206

■ 33.8673, 64.9826,
13.3633

■ 32.6279, 64.3845,
11.4617

■ 32.1117, 64.1350,
10.6868

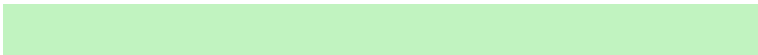
Harmonies

Analogous

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



69.4646, 79.2444, 51.1595



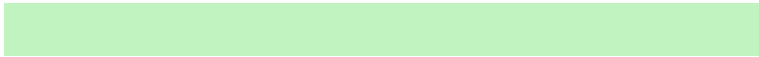
63.5573, 79.2444, 61.8150



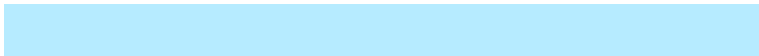
60.8388, 79.2444, 80.6317

Triad

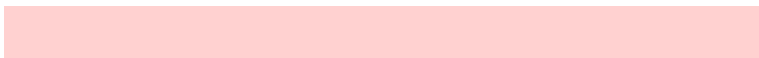
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5573, 79.2444, 61.8150



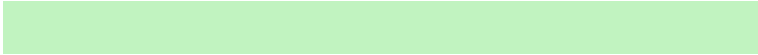
73.3191, 79.2444, 138.8109



90.7155, 79.2444, 70.1822

Complementary

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



63.5573, 79.2444, 61.8150



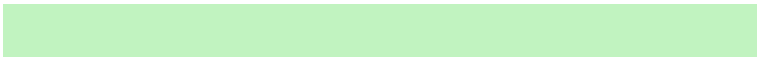
71.6486, 63.0499, 93.1917

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.



91.9327, 79.2444, 92.1938



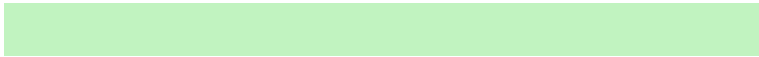
63.5573, 79.2444, 61.8150



81.4943, 79.2444, 134.6440

Square

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



63.5573, 79.2444, 61.8150



66.2049, 79.2444, 127.0164



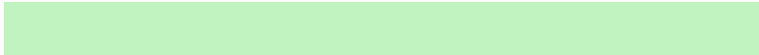
88.4499, 79.2444, 116.4827



85.2343, 79.2444, 55.3483

Rectangle

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



63.5573, 79.2444, 61.8150



61.0523, 79.2444, 96.4304



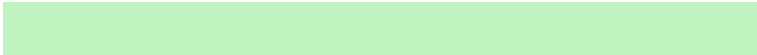
88.4499, 79.2444, 116.4827



91.6522, 79.2444, 76.8749

Sweetspot

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



63.5594, 79.2478, 61.8167



87.3787, 96.3187, 96.1906



78.0243, 85.9529, 62.3486



18.5319, 20.5342, 20.3060



0.0000, 0.0000, 0.0000



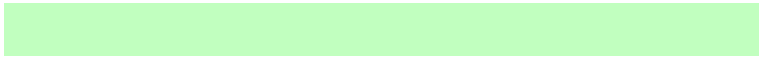
20.3446, 21.4041, 23.3091

Same Dimension

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



63.5594, 79.2478, 61.8167



67.0563, 86.5643, 62.6089



66.1602, 80.2587, 76.8371



16.3122, 18.4875, 17.5063



17.6362, 35.2046, 5.8656



1.5604, 3.0995, 0.5160

Inverse Universe

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



71.6486, 63.0499, 93.1917



77.5174, 65.6147, 103.1870



68.6270, 61.8810, 75.4857



17.1797, 16.7508, 20.8703



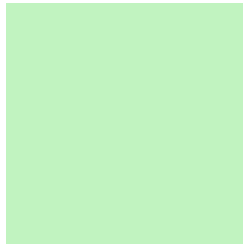
28.2894, 13.5580, 47.6640



2.4964, 1.1968, 4.1897

Previews

White Background



This preview shows how the XYZ color 63.5573, 79.2444, 61.8150 looks on a white background.

Color Contrast Check

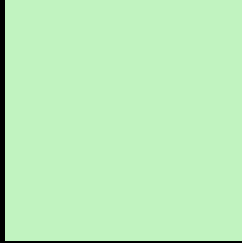
Large Text (above 18pt) WCAG AA × Fail

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 63.5573, 79.2444, 61.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

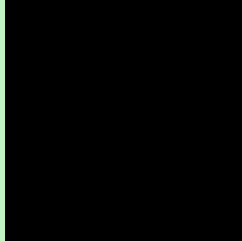
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5573, 79.2444, 61.8150

Background



This preview shows how black text looks on a background with the XYZ color 63.5573, 79.2444, 61.8150.



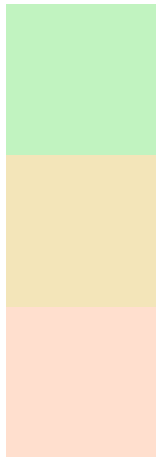
This preview shows how white text looks on a background with the XYZ color 63.5573, 79.2444,

61.8150.

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

63.5573, 79.2444, 61.8150

Protanopia

73.7384, 78.5961, 57.1831

Deuteranopia

78.7683, 78.4916, 69.3914



Tritanopia

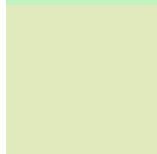
72.0666, 79.2050, 104.4183

Trichromacy



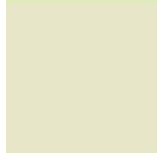
Original Color

63.5573, 79.2444, 61.8150



Protanomaly

69.5513, 78.4840, 59.0601



Deuteranomaly

72.1181, 77.9665, 66.5063



Tritanomaly

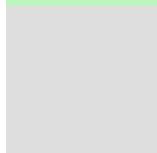
68.5515, 79.0607, 87.2485

Monochromacy



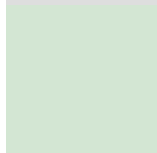
Original Color

63.5573, 79.2444, 61.8150



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.9187, 75.1457, 72.6056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5573, 79.2444, 61.8150 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(193, 243, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 243, 192)  
}
```

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(193, 243, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 243, 192) }
```

Border

The CSS property to change the border of an element to XYZ 63.5573, 79.2444, 61.8150 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(193, 243, 192) }
```


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

```
.border{ border-color:rgb(193, 243, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 243, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 243, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 243, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 243,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5573, 79.2444, 61.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 243, 192) }
```

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

```
.background{ background-color: rgb(193,  
243, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor