

Converting Colors

XYZ(63.0577, 74.0518, 68.2219)

Have a look what the booklet for
XYZ(63.0577, 74.0518, 68.2219)
contains.

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Color

**XYZ(63.0444, 74.0786,
68.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E8CC
RGB	198, 232, 204
RGB Percent	78%, 91%, 80%
CMY	0.2235, 0.0902, 0.2000
CMYK	0.15, 0.00, 0.12, 0.09
HSL	131°, 43%, 84%
HSV	131°, 15%, 91%
XYZ	63.0444, 74.0786, 68.1026
YIQ	218.6420, -11.2760, -15.9160

Conversions

Conversions Part 2

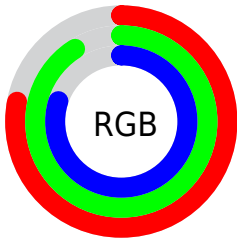
Format	Color
RYB	198, 227, 232
Decimal	13035724
CIELab	88.96, -16.36, 9.92
CIELCh	89, 19.134, 148.755
Yxy	74.0786, 0.3072, 0.3610
Android (android.graphics.Color)	4291225804 (0xFFC6E8CC)
YUV	218.6420, -7.2185, -18.1030
Hunter-Lab	86.0689, -19.8716, 13.3346

Details

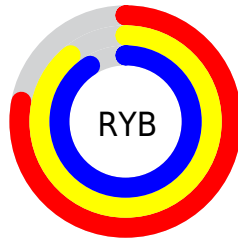
The XYZ color **63.0444, 74.0786, 68.1026** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.2029, 63.0367, 80.5802**, and the grayscale version is **67.1396, 70.6361, 76.9227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5320, 39.1820, 34.7024** is the 20% darker color. If you saturate the color by 10%, you get **55.2385, 70.3054, 56.5000**, and if you desaturate by 10%, it is **72.0723, 78.4535, 81.2331**.

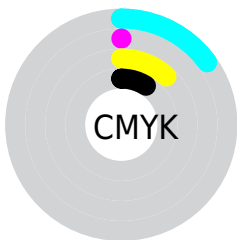
Distribution



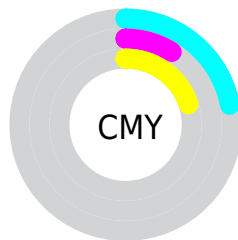
- Red (78%)
- Green (91%)
- Blue (80%)



- Red (78%)
- Yellow (89%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0444, 74.0786, 68.1026 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 63.0444, 74.0786, 68.1026 by changing the saturation by 10% instead.

63.0444, 74.0786,
68.1026

63.0444, 74.0786,
68.1026

425.3877,
474.7446, 472.4674

46.1359, 54.8584,
49.5140

108.3150,
125.0072, 118.1545

32.5582, 39.2883,
34.6589

137.4079,
157.4844, 150.4549

21.9458, 26.9841,
23.1188

171.2929,
195.1494, 188.1630

13.9335, 17.5613,
14.4751

210.3354,
238.3865, 231.6973

8.1558, 10.6355,
8.3094

254.9008,
287.5802, 281.4763

4.2474, 5.8223,
4.2029

305.3544,

1.8431, 2.7373,

343.1148, 337.9186

1.7373

362.0616,
405.3748, 401.4428

■ 0.5434, 0.9962,
0.3861

■ 0.0000, 0.0000,
0.0000

■ 63.0444, 74.0786,
68.1026

■ 63.0444, 74.0786,
68.1026

■ 55.2385, 70.3054,
56.5000

■ 72.0723, 78.4535,
81.2331

■ 48.5959, 67.0984,
46.3650

■ 82.3654, 83.4450,
95.9390

■ 43.0620, 64.4330,
37.6405

■ 88.1480, 86.1961,
106.5993

■ 38.5756, 62.2788,
30.2639

■ 35.0695, 60.6026,
24.1679

■ 32.4682, 59.3671,
19.2791

■ 30.6852, 58.5294,
15.5170

■ 29.6161, 58.0375,
12.7908

■ 29.2572, 57.8757,
11.7215

Harmonies

Analogous

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



66.1986, 74.0786, 60.2437



63.0444, 74.0786, 68.1026



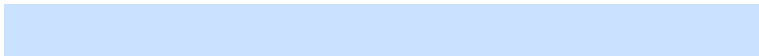
61.8503, 74.0786, 80.1046

Triad

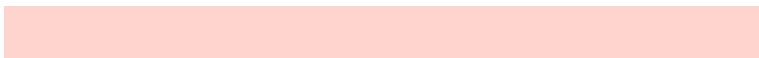
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.0444, 74.0786, 68.1026



70.2156, 74.0786, 109.0376



78.5355, 74.0786, 68.9661

Complementary

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



63.0444, 74.0786, 68.1026



67.2029, 63.0367, 80.5802

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.



79.7240, 74.0786, 81.2160



63.0444, 74.0786, 68.1026



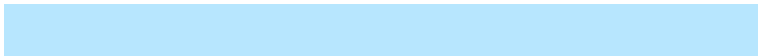
74.7953, 74.0786, 105.2326

Square

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



63.0444, 74.0786, 68.1026



65.8766, 74.0786, 104.5705



78.3269, 74.0786, 94.6711



75.1457, 74.0786, 60.7024

Rectangle

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



63.0444, 74.0786, 68.1026



62.2845, 74.0786, 89.1683



78.3269, 74.0786, 94.6711



79.2121, 74.0786, 72.7091

Sweetspot

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



63.0464, 74.0817, 68.1042



90.0733, 97.5872, 101.7612



70.5213, 78.0167, 64.7688



19.0852, 20.7936, 21.5013



0.0000, 0.0000, 0.0000



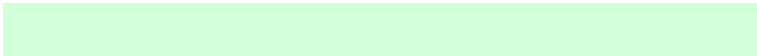
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0464, 74.0817, 68.1042



74.6332, 90.1101, 79.2413



65.1544, 74.9249, 79.2046



14.2926, 16.1305, 15.8058



16.2740, 32.1417, 6.6773



1.2331, 2.3874, 0.6543

Inverse Universe

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



67.2029, 63.0367, 80.5802



80.8381, 73.6193, 97.8644



65.0250, 62.1656, 69.1119



14.8802, 14.5693, 17.5696



23.7416, 11.6309, 28.5979



1.7832, 0.8710, 2.2647

Previews

White Background



This preview shows how the XYZ color 63.0444, 74.0786, 68.1026 looks on a white background.

Color Contrast Check

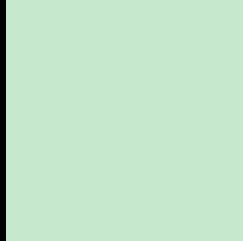
Large Text (above 18pt) WCAG AA × Fail

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 63.0444, 74.0786, 68.1026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

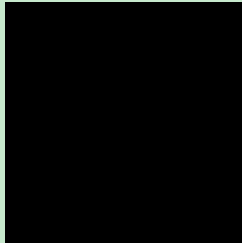
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

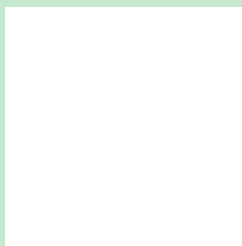
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0444, 74.0786, 68.1026

Background



This preview shows how black text looks on a background with the XYZ color 63.0444, 74.0786, 68.1026.

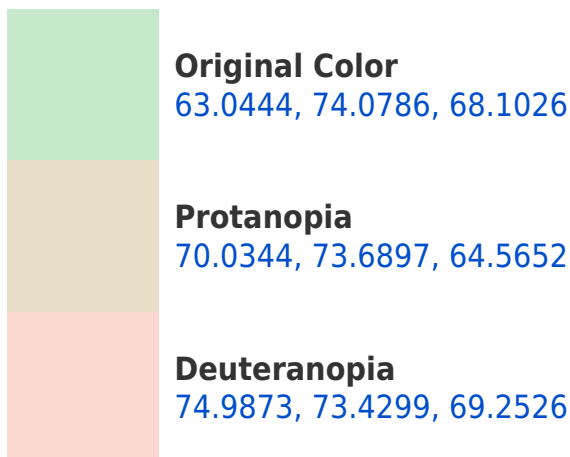


This preview shows how white text looks on a background with the XYZ color 63.0444, 74.0786,

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

68.7023, 73.9035, 96.2318

Trichromacy



Original Color

63.0444, 74.0786, 68.1026

Protanomaly

67.2542, 73.8254, 65.9634

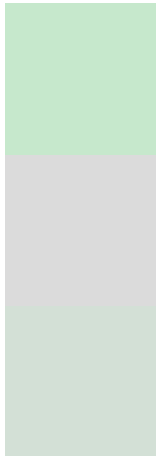
Deuteranomaly

69.9520, 73.1581, 68.8266

Tritanomaly

66.2434, 73.7005, 84.8630

Monochromacy



Original Color

63.0444, 74.0786, 68.1026

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6572, 72.0152, 74.0582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0444, 74.0786, 68.1026 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, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(198, 232, 204)  
}
```

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, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 232, 204) }
```

Border

The CSS property to change the border of an element to XYZ 63.0444, 74.0786, 68.1026 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, 232, 204) }
```


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

```
.border{ border-color:rgb(198, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 232,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0444, 74.0786, 68.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 232, 204) }
```

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

```
.background{ background-color: rgb(198,  
232, 204) }
```

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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