

Converting Colors

XYZ(63.8561, 73.1194, 95.9611)

Have a look what the booklet for
XYZ(63.8561, 73.1194, 95.9611)
contains.

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Color

**XYZ(63.9174, 73.0704,
96.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E6F4
RGB	182, 230, 244
RGB Percent	71%, 90%, 96%
CMY	0.2863, 0.0980, 0.0431
CMYK	0.25, 0.06, 0.00, 0.04
HSL	194°, 74%, 84%
HSV	194°, 25%, 96%
XYZ	63.9174, 73.0704, 96.3231
YIQ	217.2440, -33.1020, -5.8220

Conversions

Conversions Part 2

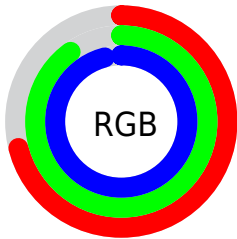
Format	Color
R _Y B	182, 209, 244
Decimal	11986676
CIE Lab	88.48, -12.29, -11.85
CIE LCh	88, 17.077, 223.955
Yxy	73.0704, 0.2740, 0.3132
Android (android.graphics.Color)	4290176756 (0xFFB6E6F4)
YUV	217.2440, 13.1907, -30.9090
Hunter-Lab	85.4812, -16.1212, -6.9731

Details

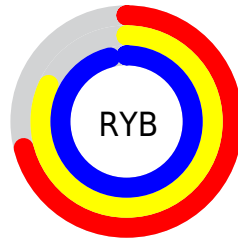
The XYZ color **63.9174, 73.0704, 96.3231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4925, 62.0908, 52.7906**, and the grayscale version is **66.0511, 69.4909, 75.6755**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **33.1152, 38.4921, 53.2613** is the 20% darker color. If you saturate the color by 10%, you get **57.1411, 67.3389, 95.5752**, and if you desaturate by 10%, it is **71.7506, 79.4223, 97.1375**.

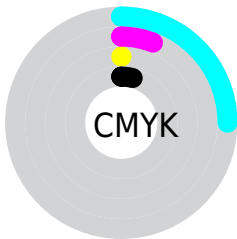
Distribution



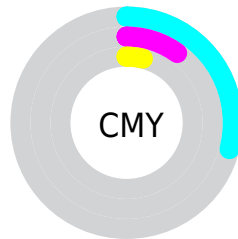
- Red (71%)
- Green (90%)
- Blue (96%)



- Red (71%)
- Yellow (82%)
- Blue (96%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9174, 73.0704, 96.3231 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 63.9174, 73.0704, 96.3231 by changing the saturation by 10% instead.

63.9174, 73.0704,
96.3231

63.9174, 73.0704,
96.3231

428.4982,
471.2588, 569.4843

46.8452, 54.0335,
72.6337

109.5664,
123.5771, 158.1025

33.1207, 38.6285,
53.1865

138.8739,
155.8158, 197.0297

22.3786, 26.4708,
37.5629

172.9905,
193.2239, 241.8731

14.2535, 17.1762,
25.3445

212.2816,
236.1857, 293.0514

8.3801, 10.3602,
16.1125

257.1126,
285.0857, 350.9832

4.3930, 5.6384,
9.4486

307.8488,

1.9268, 2.6265,

340.3083, 416.0869

4.9341

364.8556,
402.2379, 488.7811

■ 0.5923, 0.9400,
2.1506

■ 0.0000, 0.0000,
0.6456

■ 63.9174, 73.0704,
96.3231

■ 63.9174, 73.0704,
96.3231

■ 57.1411, 67.3389,
95.5752

■ 71.7506, 79.4223,
97.1375

■ 51.3625, 62.1912,
94.8861

■ 80.6827, 86.4115,
98.0158

■ 46.5266, 57.6000,
94.2548

■ 90.6867, 94.0265,
98.9583

■ 42.5702, 53.5322,
93.6782

■ 92.3921, 97.4372,
99.5268

■ 39.4219, 49.9503,
93.1527

■ 93.3294, 99.3117,
99.8392

■ 36.9986, 46.8106,
92.6744

■ 35.1978, 44.0598,
92.2384

■ 34.5086, 42.8903,
92.0490

Harmonies

Analogous

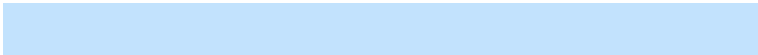
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.0623, 73.0704, 85.1440



63.9174, 73.0704, 96.3231



67.2904, 73.0704, 103.3488

Triad

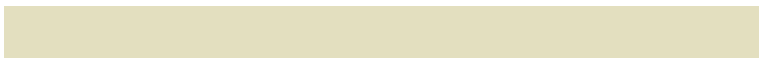
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9174, 73.0704, 96.3231



77.3244, 73.0704, 85.9804



67.5632, 73.0704, 59.5600

Complementary

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



63.9174, 73.0704, 96.3231



65.4925, 62.0908, 52.7906

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.



71.6579, 73.0704, 59.7362



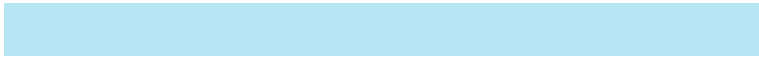
63.9174, 73.0704, 96.3231



77.4045, 73.0704, 74.2280

Square

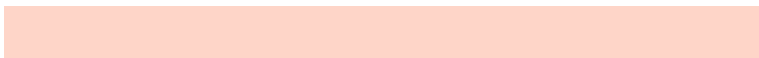
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.9174, 73.0704, 96.3231



75.0808, 73.0704, 96.9873



75.2956, 73.0704, 64.8663



64.1103, 73.0704, 64.3585

Rectangle

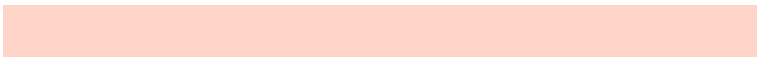
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



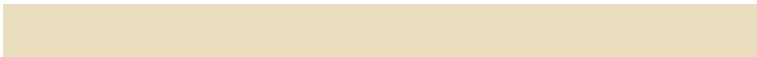
63.9174, 73.0704, 96.3231



69.9977, 73.0704, 104.3371



75.2956, 73.0704, 64.8663



68.9076, 73.0704, 59.0552

Sweetspot

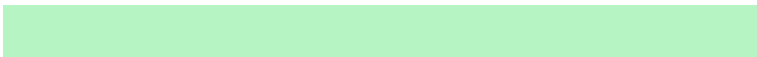
The Sweet Spot groups the original color and five complimentary colors.



63.9196, 73.0733, 96.3248



86.4873, 93.4308, 108.0833



61.5430, 78.6076, 63.8178



18.1866, 19.7449, 23.1026



0.0000, 0.0000, 0.0000



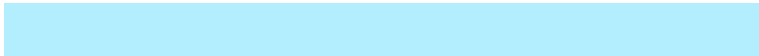
20.3446, 21.4041, 23.3091

Same Dimension

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



63.9196, 73.0733, 96.3248



67.0208, 77.7357, 106.0799



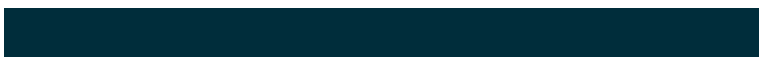
56.1762, 57.5866, 93.7436



16.6609, 18.0861, 21.1554



18.8709, 23.5357, 50.0863



1.7344, 2.2203, 4.4274

Inverse Universe

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



68.3209, 58.4040, 82.5384



72.6529, 59.4573, 88.3276



73.0674, 77.2406, 55.3156



17.0442, 16.7005, 19.9791



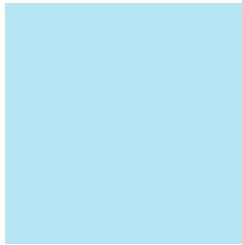
25.3297, 12.4753, 27.5082



2.2645, 1.1118, 2.6193

Previews

White Background



This preview shows how the XYZ color 63.9174, 73.0704, 96.3231 looks on a white background.

Color Contrast Check

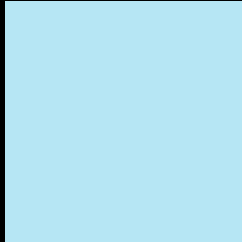
Large Text (above 18pt) WCAG AA × Fail

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 63.9174, 73.0704, 96.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

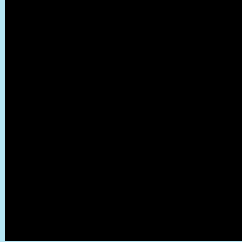
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9174, 73.0704, 96.3231

Background



This preview shows how black text looks on a background with the XYZ color 63.9174, 73.0704, 96.3231.

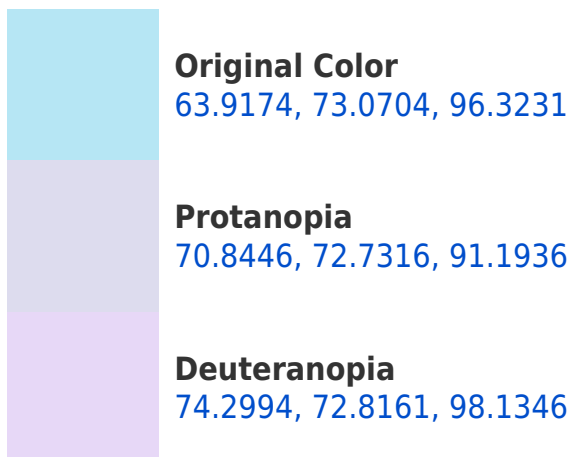


This preview shows how white text looks on a background with the XYZ color 63.9174, 73.0704,

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

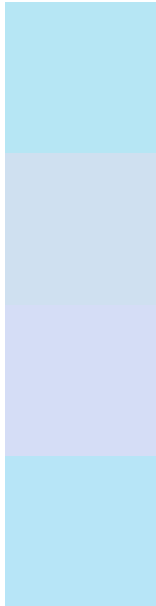




Tritanopia

64.4910, 72.8832, 99.4758

Trichromacy



Original Color

63.9174, 73.0704, 96.3231

Protanomaly

68.1160, 72.8680, 92.9129

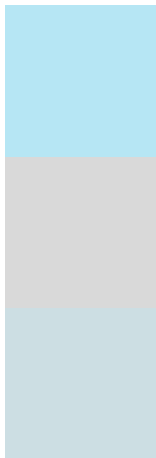
Deuteranomaly

69.9316, 72.5129, 97.4994

Tritanomaly

64.3363, 72.8213, 98.6607

Monochromacy



Original Color

63.9174, 73.0704, 96.3231

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.8882, 70.6260, 82.8852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9174, 73.0704, 96.3231 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(182, 230, 244)` looks like.

```
.text, #text, p{  
    color:rgb(182, 230, 244)  
}
```

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(182, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 230, 244) }
```

Border

The CSS property to change the border of an element to XYZ 63.9174, 73.0704, 96.3231 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(182, 230, 244) }
```


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

```
.border{ border-color:rgb(182, 230, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 230, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(182, 230,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9174, 73.0704, 96.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 230, 244) }
```

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

```
.background{ background-color: rgb(182,  
230, 244) }
```

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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