

Converting Colors

XYZ(63.3687, 72.7699, 97.0924)

Have a look what the booklet for
XYZ(63.3687, 72.7699, 97.0924)
contains.

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Color

**XYZ(63.3687, 72.7699,
97.0923)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E6F5
RGB	179, 230, 245
RGB Percent	70%, 90%, 96%
CMY	0.2980, 0.0980, 0.0392
CMYK	0.27, 0.06, 0.00, 0.04
HSL	194°, 77%, 83%
HSV	194°, 27%, 96%
XYZ	63.3687, 72.7699, 97.0923
YIQ	216.4610, -35.2110, -6.1470

Conversions

Conversions Part 2

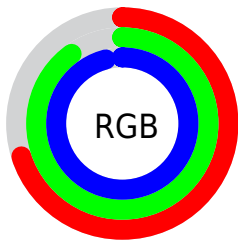
Format	Color
R _Y B	179, 208, 245
Decimal	11790069
CIE Lab	88.34, -12.93, -12.61
CIE LCh	88, 18.063, 224.277
Yxy	72.7699, 0.2717, 0.3120
Android (android.graphics.Color)	4289980149 (0xFFB3E6F5)
YUV	216.4610, 14.0697, -32.8533
Hunter-Lab	85.3053, -16.6862, -7.7687

Details

The XYZ color **63.3687, 72.7699, 97.0923** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.0857, 61.2514, 51.0420**, and the grayscale version is **65.5106, 68.9223, 75.0563**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **32.6335, 38.2313, 53.8035** is the 20% darker color. If you saturate the color by 10%, you get **56.6773, 67.0587, 96.3438**, and if you desaturate by 10%, it is **71.1199, 79.1045, 97.9077**.

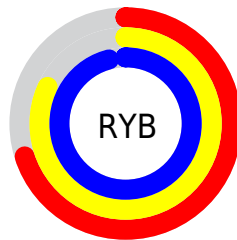
Distribution



Red (70%)

Green (90%)

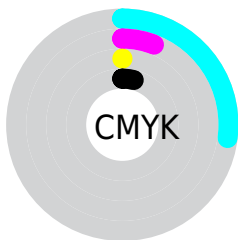
Blue (96%)



Red (70%)

Yellow (82%)

Blue (96%)

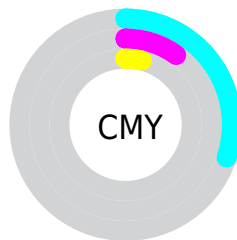


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3687, 72.7699, 97.0923 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 63.3687, 72.7699, 97.0923 by changing the saturation by 10% instead.

63.3687, 72.7699,
97.0923

63.3687, 72.7699,
97.0923

426.5448,
470.2169, 571.9963

46.3993, 53.7878,
73.2711

108.7801,
123.1505, 159.1724

32.7670, 38.4321,
53.7045

137.9528,
155.3178, 198.2684

22.1064, 26.3182,
37.9739

171.9240,
192.6490, 243.2932

14.0521, 17.0618,
25.6608

211.0590,
235.5285, 294.6652

8.2389, 10.2786,
16.3465

255.7233,
284.3406, 352.8029

4.3013, 5.5841,
9.6127

306.2821,

1.8739, 2.5939,

339.4698, 418.1250

5.0407

363.1008,
401.3004, 491.0500

■ 0.5616, 0.9236,
2.2120

■ 0.0000, 0.0000,
0.6813

■ 63.3687, 72.7699,
97.0923

■ 63.3687, 72.7699,
97.0923

■ 56.6773, 67.0587,
96.3438

■ 71.1199, 79.1045,
97.9077

■ 50.9856, 61.9338,
95.6546

■ 79.9742, 86.0802,
98.7874

■ 46.2370, 57.3672,
95.0234

■ 89.9803, 93.7244,
99.7355

■ 42.3666, 53.3248,
94.4472

■ 92.6181, 97.6455,
100.3534

■ 39.3007, 49.7678,
93.9222

■ 93.4817, 99.3727,
100.6412

■ 36.9530, 46.6510,
93.4443

■ 35.2136, 43.9171,
93.0083

■ 34.7500, 43.1292,
92.8807

Harmonies

Analogous

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



61.3994, 72.7699, 85.2672



63.3687, 72.7699, 97.0923



66.9318, 72.7699, 104.5010

Triad

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



63.3687, 72.7699, 97.0923



77.5019, 72.7699, 85.8793



67.1306, 72.7699, 58.2813

Complementary

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



63.3687, 72.7699, 97.0923



65.0857, 61.2514, 51.0420

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.



71.4486, 72.7699, 58.4083



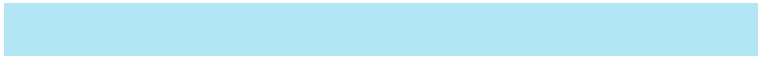
63.3687, 72.7699, 97.0923



77.5606, 72.7699, 73.4924

Square

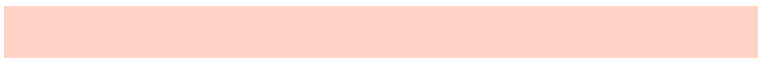
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3687, 72.7699, 97.0923



75.1485, 72.7699, 97.5806



75.3057, 72.7699, 63.7119



63.5090, 72.7699, 63.3445

Rectangle

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



63.3687, 72.7699, 97.0923



69.7891, 72.7699, 105.4982



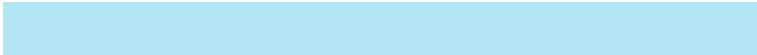
75.3057, 72.7699, 63.7119



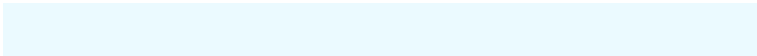
68.5459, 72.7699, 57.7364

Sweetspot

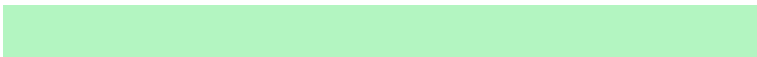
The Sweet Spot groups the original color and five complimentary colors.



63.3709, 72.7728, 97.0940



86.4780, 93.4120, 108.0802



60.9035, 78.7536, 62.6205



18.1843, 19.7401, 23.1018



0.0000, 0.0000, 0.0000



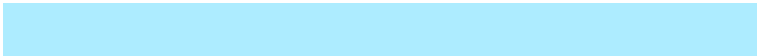
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3709, 72.7728, 97.0940



65.4995, 76.4046, 105.9031



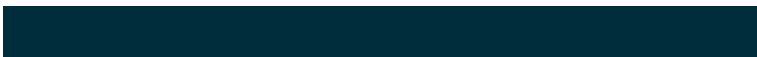
55.1991, 56.4292, 94.3700



16.6587, 18.0817, 21.1547



18.8294, 23.4527, 50.0724



1.7311, 2.2136, 4.4263

Inverse Universe

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



68.0610, 57.3677, 82.3520



71.4673, 57.3835, 87.0152



73.0723, 77.2247, 53.7042



17.0431, 16.7001, 19.9734



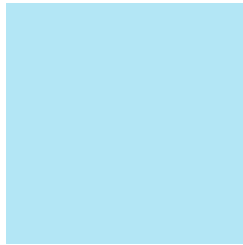
25.3087, 12.4669, 27.3979



2.2628, 1.1111, 2.6105

Previews

White Background



This preview shows how the XYZ color 63.3687, 72.7699, 97.0923 looks on a white background.

Color Contrast Check

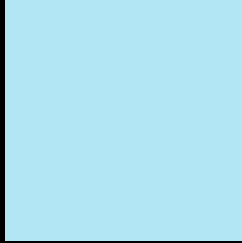
Large Text (above 18pt) WCAG AA × Fail

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 63.3687, 72.7699, 97.0923 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 63.3687, 72.7699, 97.0923

Background



This preview shows how black text looks on a background with the XYZ color 63.3687, 72.7699, 97.0923.

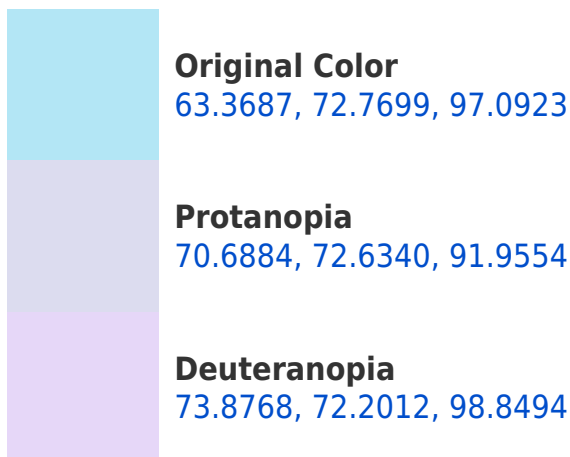


This preview shows how white text looks on a background with the XYZ color 63.3687, 72.7699,

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

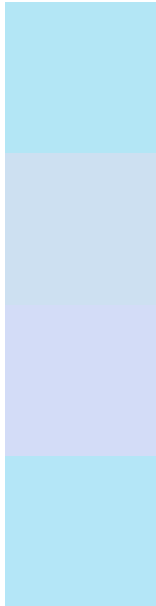




Tritanopia

64.0625, 73.0742, 99.5352

Trichromacy



Original Color

63.3687, 72.7699, 97.0923

Protanomaly

67.7097, 72.6413, 93.6716

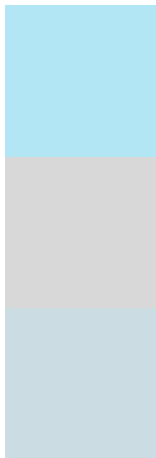
Deuteranomaly

69.2457, 71.7507, 98.1953

Tritanomaly

63.9077, 73.0123, 98.7202

Monochromacy



Original Color

63.3687, 72.7699, 97.0923

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3502, 69.9555, 82.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3687, 72.7699, 97.0923 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(179, 230, 245)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 245)  
}
```

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(179, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 245) }
```

Border

The CSS property to change the border of an element to XYZ 63.3687, 72.7699, 97.0923 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(179, 230, 245) }
```


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

```
.border{ border-color:rgb(179, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3687, 72.7699, 97.0923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 245) }
```

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

```
.background{ background-color: rgb(179,  
230, 245) }
```

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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