

Converting Colors

XYZ(63.1628, 69.8723, 97.1556)

Have a look what the booklet for
XYZ(63.1628, 69.8723, 97.1556)
contains.

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Color

**XYZ(63.2719, 69.8683,
97.3399)**

Conversions

Conversions Part 1

Format	Color
Hex	BADFF6
RGB	186, 223, 246
RGB Percent	73%, 87%, 96%
CMY	0.2706, 0.1255, 0.0353
CMYK	0.24, 0.09, 0.00, 0.04
HSL	203°, 77%, 85%
HSV	203°, 24%, 96%
XYZ	63.2719, 69.8683, 97.3399
YIQ	214.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

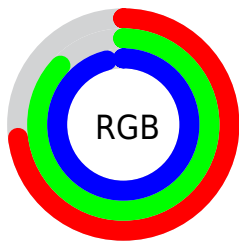
Format	Color
R_{YB}	186, 209, 246
Decimal	12247030
CIE _{Lab}	86.93, -7.10, -15.20
CIE _{LCh}	87, 16.773, 244.970
Yxy	69.8683, 0.2745, 0.3031
Android (android.graphics.Color)	4290437110 (0xFFBADFF6)
YUV	214.5590, 15.5004, -25.0462
Hunter-Lab	83.5873, -11.1610, -10.5339

Details

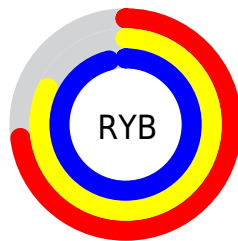
The XYZ color **63.2719, 69.8683, 97.3399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69.6701, 68.7391, 56.0519**, and the grayscale version is **64.2078, 67.5516, 73.5637**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **32.8126, 36.6285, 54.0558** is the 20% darker color. If you saturate the color by 10%, you get **55.3533, 62.1514, 96.2689**, and if you desaturate by 10%, it is **72.3639, 78.4018, 98.5090**.

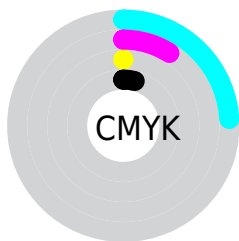
Distribution



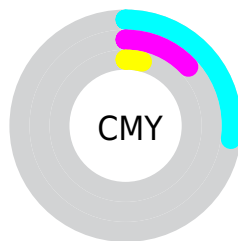
- Red (73%)
- Green (87%)
- Blue (96%)



- Red (73%)
- Yellow (82%)
- Blue (96%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2719, 69.8683, 97.3399 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 63.2719, 69.8683, 97.3399 by changing the saturation by 10% instead.

■ 63.2719, 69.8683,
97.3399

■ 63.2719, 69.8683,
97.3399

426.1996,
460.0874, 572.8037

■ 46.3207, 51.4192,
73.4764

■ 108.6413,
119.0209, 159.5166

■ 32.7046, 36.5423,
53.8714

137.7902,
150.4932, 198.6669

■ 22.0584, 24.8533,
38.1064

171.7357,
187.0753, 243.7499

■ 14.0167, 15.9678,
25.7628

210.8431,
229.1517, 295.1840

■ 8.2140, 9.5014,
16.4221

255.4779,
277.1067, 353.3880

■ 4.2852, 5.0696,
9.6657

306.0053,

■ 1.8647, 2.2882,

331.3247, 418.7802

5.0752

362.7908,
392.1902, 491.7792

■ 0.5562, 0.7674,
2.2319

■ 0.0000, 0.0000,
0.6927

■ 63.2719, 69.8683,
97.3399

■ 63.2719, 69.8683,
97.3399

■ 55.3533, 62.1514,
96.2689

■ 72.3639, 78.4018,
98.5090

■ 48.5467, 55.2110,
95.2880

■ 82.6740, 87.7731,
99.7744

■ 42.7945, 49.0157,
94.3954

■ 92.4631, 97.0905,
101.0569

■ 38.0311, 43.5280,
93.5872

■ 93.6348, 99.4339,
101.4475

■ 34.1826, 38.7064,
92.8594

■ 31.1636, 34.5029,
92.2071

■ 28.8701, 30.8602,
91.6249

■ 27.8162, 29.0169,
91.3247

Harmonies

Analogous

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



60.4253, 69.8683, 89.1189



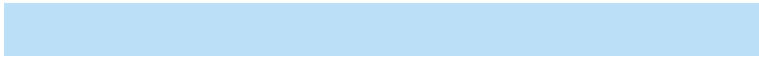
63.2719, 69.8683, 97.3399



67.0623, 69.8683, 99.6498

Triad

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



63.2719, 69.8683, 97.3399



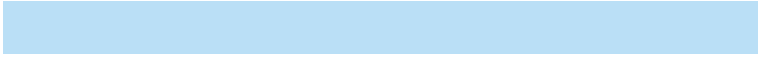
74.1970, 69.8683, 74.2214



62.1840, 69.8683, 59.7330

Complementary

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



63.2719, 69.8683, 97.3399



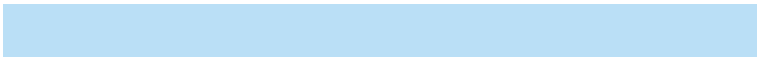
69.6701, 68.7391, 56.0519

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.



65.7574, 69.8683, 56.5460



63.2719, 69.8683, 97.3399



72.7726, 69.8683, 64.3698

Square

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



63.2719, 69.8683, 97.3399



73.4683, 69.8683, 85.5704



69.6455, 69.8683, 58.1567



59.8147, 69.8683, 67.3088

Rectangle

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



63.2719, 69.8683, 97.3399



69.6381, 69.8683, 97.3512



69.6455, 69.8683, 58.1567



63.2789, 69.8683, 58.1487

Sweetspot

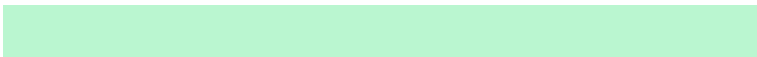
The Sweet Spot groups the original color and five complimentary colors.



63.2740, 69.8711, 97.3415



86.6412, 92.4825, 107.8922



64.5920, 80.9060, 71.8880



18.3964, 19.6610, 23.0753



0.0000, 0.0000, 0.0000



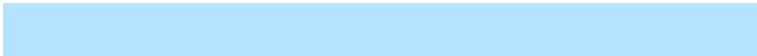
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2740, 69.8711, 97.3415



64.4928, 71.7998, 105.0674



56.1775, 55.6781, 94.9760



16.4322, 17.6287, 21.0792



14.9869, 15.7676, 48.7916



1.4164, 1.5842, 4.3214

Inverse Universe

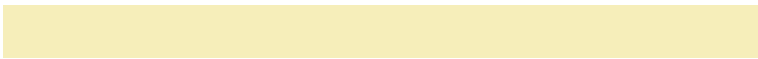
The Inverse Universe completely reimagines the original color for something new.



68.8859, 60.0400, 77.7734



71.5917, 59.8551, 80.2041



77.4447, 84.2884, 58.6434



16.9287, 16.6543, 19.3712



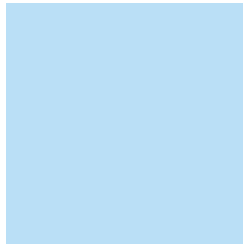
23.3692, 11.6911, 17.1845



2.1040, 1.0476, 1.7740

Previews

White Background



This preview shows how the XYZ color 63.2719, 69.8683, 97.3399 looks on a white background.

Color Contrast Check

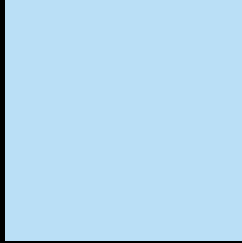
Large Text (above 18pt) WCAG AA × Fail

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 63.2719, 69.8683, 97.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

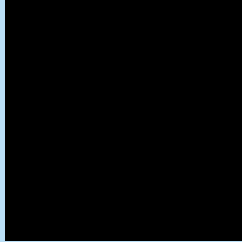
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

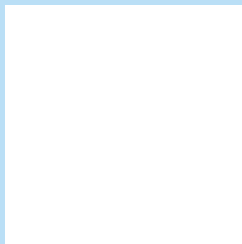
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2719, 69.8683, 97.3399

Background



This preview shows how black text looks on a background with the XYZ color 63.2719, 69.8683, 97.3399.

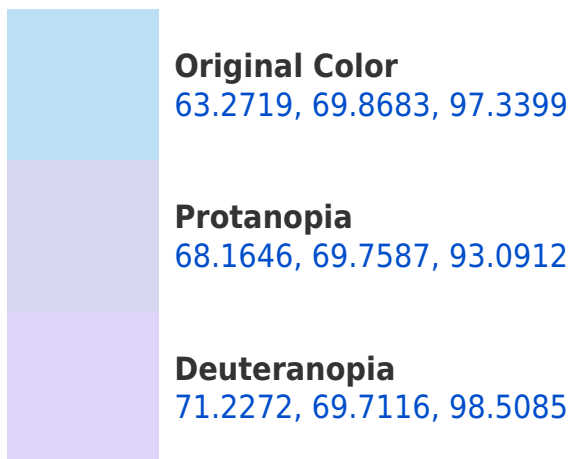


This preview shows how white text looks on a background with the XYZ color 63.2719, 69.8683,

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

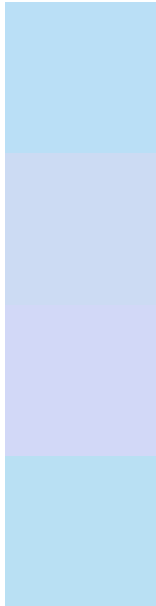




Tritanopia

62.6903, 70.0364, 94.2186

Trichromacy



Original Color

63.2719, 69.8683, 97.3399

Protanomaly

66.4110, 69.9715, 94.7996

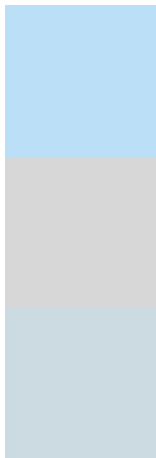
Deuteranomaly

67.9227, 69.5288, 97.8362

Tritanomaly

62.8409, 70.0967, 95.0120

Monochromacy



Original Color

63.2719, 69.8683, 97.3399

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7007, 68.4712, 81.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2719, 69.8683, 97.3399 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(186, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(186, 223, 246)  
}
```

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(186, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 223, 246) }
```

Border

The CSS property to change the border of an element to XYZ 63.2719, 69.8683, 97.3399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

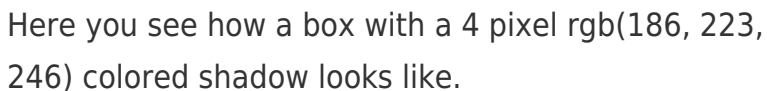
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 223, 246) }
```


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

```
.border{ border-color:rgb(186, 223, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 223, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 223, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 223, 246); box-shadow:4px 4px 4px 4px rgb(186, 223, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2719, 69.8683, 97.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 223, 246) }
```

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

```
.background{ background-color: rgb(186,  
223, 246) }
```

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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