

Converting Colors

XYZ(69.6445, 79.7859, 99.7448)

Have a look what the booklet for
XYZ(69.6445, 79.7859, 99.7448)
contains.

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Color

**XYZ(69.6473, 79.7859,
99.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	C1EFF7
RGB	193, 239, 247
RGB Percent	76%, 94%, 97%
CMY	0.2431, 0.0627, 0.0314
CMYK	0.22, 0.03, 0.00, 0.03
HSL	189°, 77%, 86%
HSV	189°, 22%, 97%
XYZ	69.6473, 79.7859, 99.7251
YIQ	226.1580, -29.9840, -7.2640

Conversions

Conversions Part 2

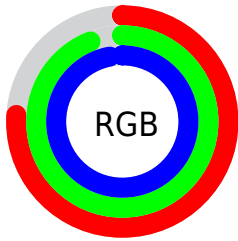
Format	Color
R _Y B	193, 218, 247
Decimal	12709879
CIE Lab	91.59, -12.97, -8.73
CIE LCh	92, 15.635, 213.943
Yxy	79.7859, 0.2795, 0.3202
Android (android.graphics.Color)	4290899959 (0xFFC1EFF7)
YUV	226.1580, 10.2751, -29.0796
Hunter-Lab	89.3230, -17.1343, -3.6686

Details

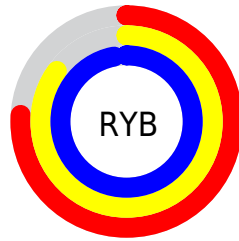
The XYZ color **69.6473, 79.7859, 99.7251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.8707, 65.3978, 59.4467**, and the grayscale version is **72.3485, 76.1162, 82.8905**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **36.8187, 43.0318, 55.6556** is the 20% darker color. If you saturate the color by 10%, you get **62.8094, 74.6891, 99.1030**, and if you desaturate by 10%, it is **77.5631, 85.4746, 100.4072**.

Distribution



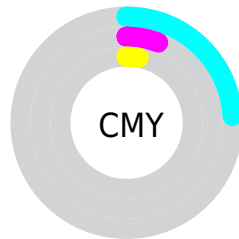
- Red (76%)
- Green (94%)
- Blue (97%)



- Red (76%)
- Yellow (85%)
- Blue (97%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6473, 79.7859, 99.7251 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 69.6473, 79.7859, 99.7251 by changing the saturation by 10% instead.

69.6473, 79.7859,
99.7251

69.6473, 79.7859,
99.7251

448.5964,
494.2110, 580.5501

51.5176, 59.5422,
75.4554

117.7347,
133.0647, 162.8279

36.8434, 43.0497,
55.4821

148.4230,
166.8685, 202.4981

25.2594, 29.9241,
39.3866

184.0283,
205.9612, 248.1389

16.4002, 19.7810,
26.7505

224.9159,
250.7271, 300.1688

9.9004, 12.2360,
17.1551

271.4512,
301.5507, 359.0063

5.3947, 6.9046,
10.1820

323.9995,

2.5178, 3.4025,

358.8162, 425.0700

5.4126

382.9261,
422.9082, 498.7784

■ 0.9042, 1.3453,
2.4284

■ 0.0000, 0.1759,
0.8019

■ 69.6473, 79.7859,
99.7251

■ 69.6473, 79.7859,
99.7251

■ 62.8094, 74.6891,
99.1030

■ 77.5631, 85.4746,
100.4072

■ 56.9902, 70.1474,
98.5331

■ 86.5985, 91.7708,
101.1463

■ 52.1351, 66.1346,
98.0144

■ 92.2077, 96.3333,
101.7313

■ 48.1817, 62.6182,
97.5441

■ 93.3552, 98.6285,
102.1138

■ 45.0602, 59.5620,
97.1187

■ 93.7887, 99.4955,
102.2583

■ 42.6900, 56.9244,
96.7345

■ 40.9743, 54.6552,
96.3869

■ 39.9399, 53.0179,
96.1254

Harmonies

Analogous

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



68.4366, 79.7859, 88.3926



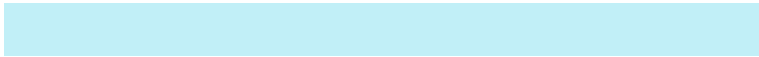
69.6473, 79.7859, 99.7251



72.5145, 79.7859, 108.1392

Triad

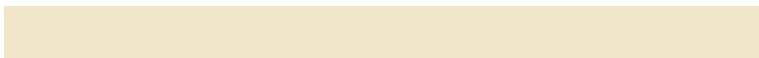
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6473, 79.7859, 99.7251



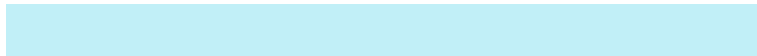
82.9355, 79.7859, 96.8842



75.3079, 79.7859, 66.7496

Complementary

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



69.6473, 79.7859, 99.7251



68.8707, 65.3978, 59.4467

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.



79.2535, 79.7859, 68.5958



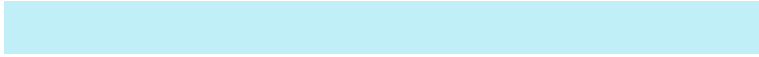
69.6473, 79.7859, 99.7251



83.7464, 79.7859, 85.3715

Square

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



69.6473, 79.7859, 99.7251



80.1980, 79.7859, 106.4007



82.3769, 79.7859, 75.1760



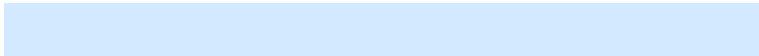
71.6315, 79.7859, 69.8943

Rectangle

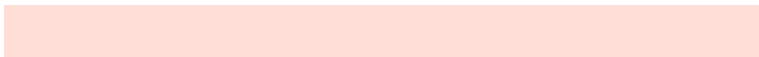
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



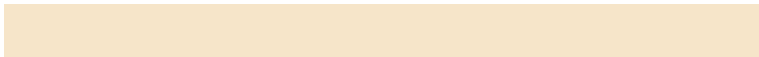
69.6473, 79.7859, 99.7251



75.0276, 79.7859, 110.5994



82.3769, 79.7859, 75.1760



76.6463, 79.7859, 66.8089

Sweetspot

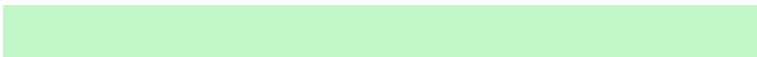
The Sweet Spot groups the original color and five complimentary colors.



69.6496, 79.7892, 99.7269



87.9477, 95.0953, 108.3276



65.7032, 82.0399, 67.1401



18.6994, 20.2671, 23.1763



0.0000, 0.0000, 0.0000



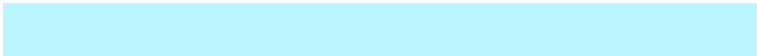
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6496, 79.7892, 99.7269



71.6693, 83.4153, 106.9311



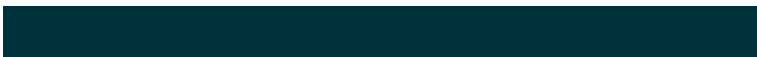
62.5262, 65.5423, 97.3524



16.7754, 18.3150, 21.1936



21.2054, 28.2046, 50.8644



1.9195, 2.5903, 4.4891

Inverse Universe

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



73.0096, 64.1478, 90.1989



75.8823, 64.1299, 94.9105



75.5086, 78.6735, 61.6593



17.1019, 16.7236, 20.2834



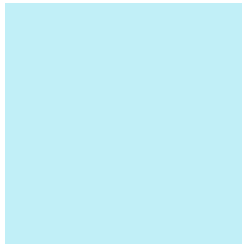
26.5080, 12.9467, 33.7133



2.3579, 1.1491, 3.1111

Previews

White Background



This preview shows how the XYZ color 69.6473, 79.7859, 99.7251 looks on a white background.

Color Contrast Check

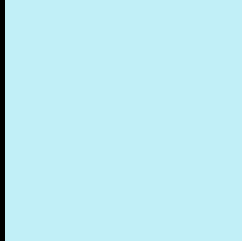
Large Text (above 18pt) WCAG AA × Fail

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 69.6473, 79.7859, 99.7251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

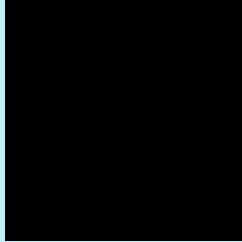
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6473, 79.7859, 99.7251

Background



This preview shows how black text looks on a background with the XYZ color 69.6473, 79.7859, 99.7251.



This preview shows how white text looks on a background with the XYZ color 69.6473, 79.7859,

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

71.3601, 79.6587, 106.2223

Trichromacy



Original Color

69.6473, 79.7859, 99.7251

Protanomaly

73.9318, 79.5006, 96.2425

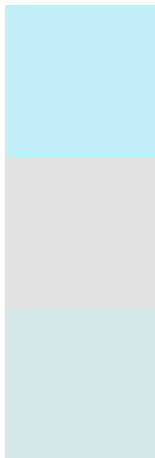
Deuteranomaly

76.1695, 78.8857, 100.8344

Tritanomaly

70.9102, 79.9131, 103.7829

Monochromacy



Original Color

69.6473, 79.7859, 99.7251

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.1588, 77.3885, 89.0289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6473, 79.7859, 99.7251 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, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 239, 247)  
}
```

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, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 239, 247) }
```

Border

The CSS property to change the border of an element to XYZ 69.6473, 79.7859, 99.7251 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, 239, 247) }
```


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

```
.border{ border-color:rgb(193, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(193, 239,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6473, 79.7859, 99.7251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 239, 247) }
```

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

```
.background{ background-color: rgb(193,  
239, 247) }
```

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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