

Converting Colors

XYZ(72.0770, 77.9016,
103.6418)

Have a look what the booklet for
XYZ(72.0770, 77.9016, 103.6418)
contains.

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Color

**XYZ(72.1594, 78.0069,
103.3491)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE8FC
RGB	207, 232, 252
RGB Percent	81%, 91%, 99%
CMY	0.1882, 0.0902, 0.0118
CMYK	0.18, 0.08, 0.00, 0.01
HSL	207°, 88%, 90%
HSV	207°, 18%, 99%
XYZ	72.1594, 78.0069, 103.3491
YIQ	226.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

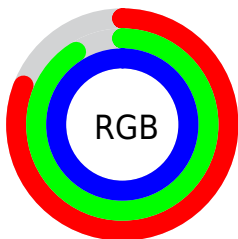
Format	Color
RYB	207, 223, 252
Decimal	13625596
CIELab	90.78, -4.14, -12.44
CIELCh	91, 13.115, 251.589
Yxy	78.0069, 0.2846, 0.3077
Android (android.graphics.Color)	4291815676 (0xFFCFE8FC)
YUV	226.8050, 12.4211, -17.3690
Hunter-Lab	88.3215, -8.7267, -7.5529

Details

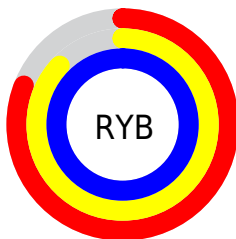
The XYZ color **72.1594, 78.0069, 103.3491** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.8770, 80.1385, 70.3440**, and the grayscale version is **72.7976, 76.5887, 83.4051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3246, 41.6662, 57.6522** is the 20% darker color. If you saturate the color by 10%, you get **62.6211, 68.5602, 102.0297**, and if you desaturate by 10%, it is **83.0269, 88.4410, 104.7916**.

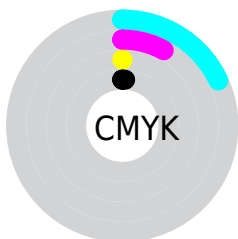
Distribution



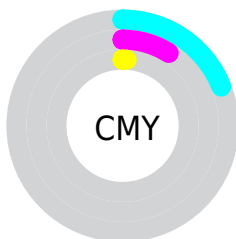
- Red (81%)
- Green (91%)
- Blue (99%)



- Red (81%)
- Yellow (87%)
- Blue (99%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1594, 78.0069, 103.3491 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 72.1594, 78.0069, 103.3491 by changing the saturation by 10% instead.

■ 72.1594, 78.0069,
103.3491

■ 72.1594, 78.0069,
103.3491

457.2452,
488.1903, 592.2158

■ 53.5748, 58.0796,
78.4680

121.2927,
130.5598, 167.8439

■ 38.4912, 41.8727,
57.9398

152.5721,
163.9543, 208.2948

■ 26.5431, 29.0016,
41.3459

188.8139,
202.6067, 254.7726

■ 17.3652, 19.0820,
28.2677

230.3834,
246.9013, 307.6960

■ 10.5921, 11.7296,
18.2868

277.6459,
297.2226, 367.4835

■ 5.8585, 6.5598,
10.9845

330.9668,

■ 2.7991, 3.1884,

353.9549, 434.5536

5.9424

390.7115,
417.4827, 509.3248

■ 1.0484, 1.2309,
2.7418

■ 0.0000, 0.0867,
0.9644

■ 72.1594, 78.0069,
103.3491

■ 72.1594, 78.0069,
103.3491

■ 62.6211, 68.5602,
102.0297

■ 83.0269, 88.4410,
104.7916

■ 54.3480, 60.0564,
100.8243

■ 94.3804, 99.4272,
106.3137

■ 47.2813, 52.4616,
99.7308

■ 94.5709, 99.8084,
106.3772

■ 41.3540, 45.7353,
98.7449

■ 36.4923, 39.8335,
97.8620

■ 32.6124, 34.7068,
97.0770

■ 29.6164, 30.2982,
96.3839

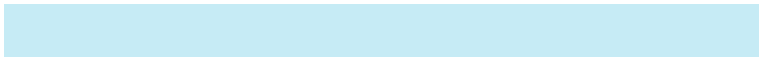
■ 27.3738, 26.5338,
95.7755

■ 26.9516, 25.7897,
95.6541

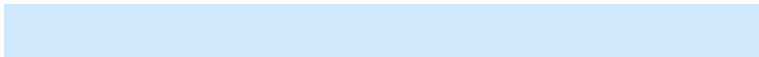
Harmonies

Analogous

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



69.5031, 78.0069, 97.5636



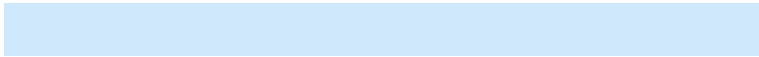
72.1594, 78.0069, 103.3491



75.4237, 78.0069, 103.9876

Triad

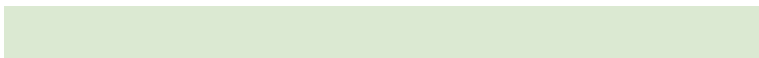
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1594, 78.0069, 103.3491



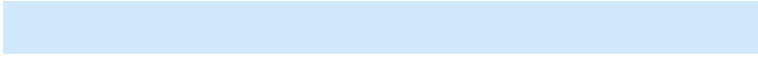
80.5270, 78.0069, 81.3418



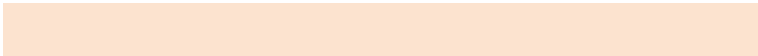
70.0152, 78.0069, 72.0706

Complementary

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



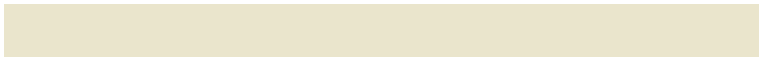
72.1594, 78.0069, 103.3491



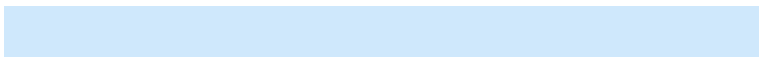
78.8770, 80.1385, 70.3440

Split Complementary

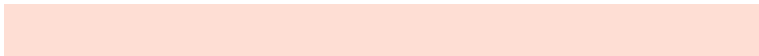
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8773, 78.0069, 68.3666



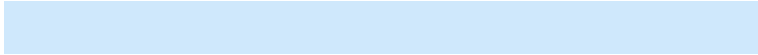
72.1594, 78.0069, 103.3491



78.9854, 78.0069, 73.4483

Square

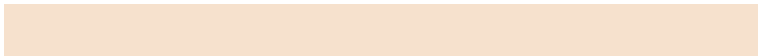
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1594, 78.0069, 103.3491



80.3209, 78.0069, 90.7992



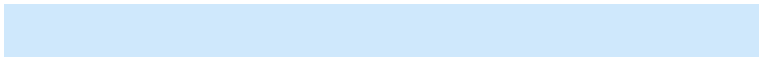
76.1631, 78.0069, 68.8516



68.2907, 78.0069, 79.3313

Rectangle

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



72.1594, 78.0069, 103.3491



77.5130, 78.0069, 101.3556



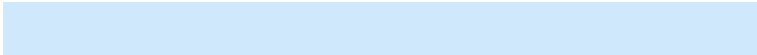
76.1631, 78.0069, 68.8516



70.8725, 78.0069, 70.3934

Sweetspot

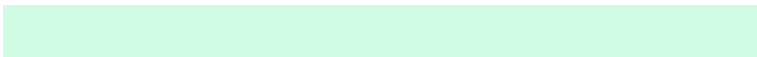
The Sweet Spot groups the original color and five complimentary colors.



72.1617, 78.0101, 103.3509



88.7329, 94.0997, 108.0941



74.3402, 88.4061, 85.4592



18.8086, 19.9682, 23.1129



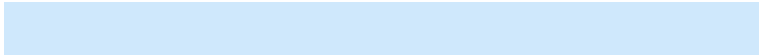
0.0000, 0.0000, 0.0000



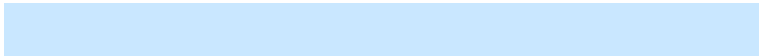
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1617, 78.0101, 103.3509



70.8915, 76.9658, 105.7272



66.3509, 66.3885, 101.4139



17.0828, 18.2425, 22.0061



14.1887, 13.7329, 49.8764



1.4198, 1.4834, 4.6547

Inverse Universe

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



77.0250, 71.1490, 86.0211



76.6843, 69.0244, 85.0335



85.2844, 92.9532, 72.4798



17.6484, 17.3867, 20.0040



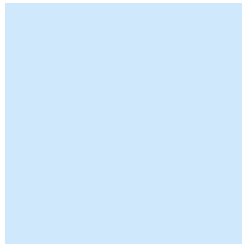
23.4538, 11.7972, 14.3640



2.2256, 1.1140, 1.6114

Previews

White Background



This preview shows how the XYZ color 72.1594, 78.0069, 103.3491 looks on a white background.

Color Contrast Check

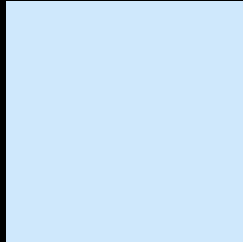
Large Text (above 18pt) WCAG AA × Fail

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 72.1594, 78.0069, 103.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

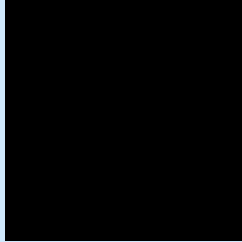
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

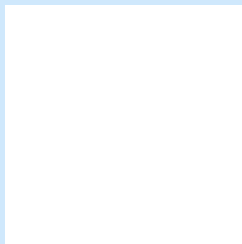
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1594, 78.0069, 103.3491

Background



This preview shows how black text looks on a background with the XYZ color 72.1594, 78.0069, 103.3491.



This preview shows how white text looks on a background with the XYZ color 72.1594, 78.0069,

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

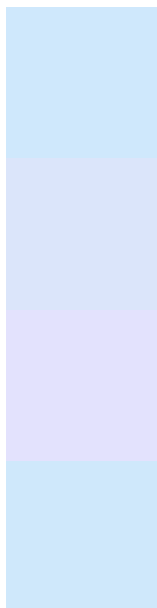




Tritanopia

72.0013, 77.9437, 102.5165

Trichromacy



Original Color

72.1594, 78.0069, 103.3491

Protanomaly

74.4880, 78.0008, 101.5722

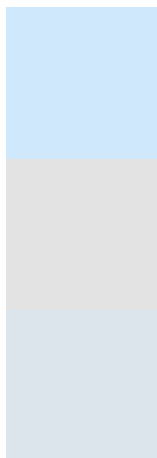
Deuteranomaly

76.6045, 77.8155, 103.9109

Tritanomaly

72.0013, 77.9437, 102.5165

Monochromacy



Original Color

72.1594, 78.0069, 103.3491

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.6748, 77.3104, 90.4489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1594, 78.0069, 103.3491 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(207, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 232, 252)  
}
```

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(207, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 72.1594, 78.0069, 103.3491 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(207, 232, 252) }
```


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

```
.border{ border-color:rgb(207, 232, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1594, 78.0069, 103.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 252) }
```

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

```
.background{ background-color: rgb(207,  
232, 252) }
```

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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