

Converting Colors

XYZ(72.6743, 78.8863,
102.7266)

Have a look what the booklet for
XYZ(72.6743, 78.8863, 102.7266)
contains.

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Color

**XYZ(72.5639, 78.6528,
102.6238)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E9FB
RGB	208, 233, 251
RGB Percent	82%, 91%, 98%
CMY	0.1843, 0.0863, 0.0157
CMYK	0.17, 0.07, 0.00, 0.02
HSL	205°, 84%, 90%
HSV	205°, 17%, 98%
XYZ	72.5639, 78.6528, 102.6238
YIQ	227.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

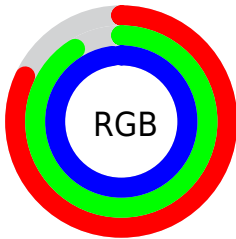
Format	Color
R_{YB}	208, 224, 251
Decimal	13691387
CIE _{Lab}	91.08, -4.56, -11.48
CIE _{LCh}	91, 12.348, 248.337
Yxy	78.6528, 0.2859, 0.3099
Android (android.graphics.Color)	4291881467 (0xFFD0E9FB)
YUV	227.5770, 11.5475, -17.1690
Hunter-Lab	88.6864, -9.1512, -6.5271

Details

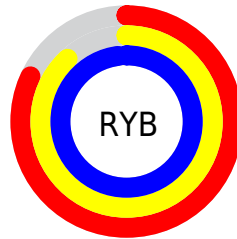
The XYZ color **72.5639, 78.6528, 102.6238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3657, 79.4558, 70.8822**, and the grayscale version is **73.3650, 77.1857, 84.0552**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5966, 42.1116, 57.1330** is the 20% darker color. If you saturate the color by 10%, you get **63.1722, 69.5289, 101.3590**, and if you desaturate by 10%, it is **83.2541, 88.7130, 104.0035**.

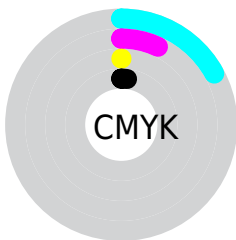
Distribution



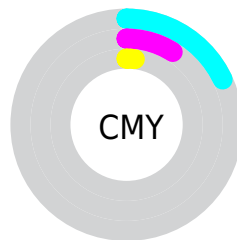
- Red (82%)
- Green (91%)
- Blue (98%)



- Red (82%)
- Yellow (88%)
- Blue (98%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5639, 78.6528, 102.6238 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 72.5639, 78.6528, 102.6238 by changing the saturation by 10% instead.

■ 72.5639, 78.6528,
102.6238

■ 72.5639, 78.6528,
102.6238

458.6292,
490.3810, 589.8908

■ 53.9066, 58.6104,
77.8645

121.8644,
131.4700, 166.8415

■ 38.7573, 42.2996,
57.4469

153.2382,
165.0135, 207.1369

■ 26.7509, 29.3359,
40.9524

189.5816,
203.8262, 253.4482

■ 17.5218, 19.3351,
27.9625

231.2599,
248.2925, 306.1939

■ 10.7048, 11.9127,
18.0586

278.6385,
298.7967, 365.7924

■ 5.9345, 6.6842,
10.8222

332.0826,

■ 2.8456, 3.2654,

355.7232, 432.6624

5.8347

391.9577,
419.4565, 507.2224

■ 1.0726, 1.2718,
2.6777

■ 0.0020, 0.1192,
0.9322

■ 72.5639, 78.6528,
102.6238

■ 72.5639, 78.6528,
102.6238

■ 63.1722, 69.5289,
101.3590

■ 83.2541, 88.7130,
104.0035

■ 55.0166, 61.2985,
100.2002

■ 94.0995, 99.1185,
105.4403

■ 48.0396, 53.9293,
99.1455

■ 94.4128, 99.7451,
105.5447

■ 42.1762, 47.3831,
98.1910

■ 37.3544, 41.6178,
97.3323

■ 33.4930, 36.5865,
96.5647

■ 30.4968, 32.2348,
95.8827

■ 28.2447, 28.4950,
95.2795

■ 27.6840, 27.5074,
95.1184

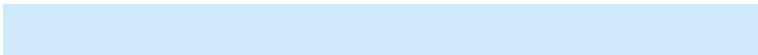
Harmonies

Analogous

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



70.1486, 78.6528, 96.7473



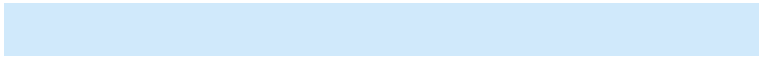
72.5639, 78.6528, 102.6238



75.6305, 78.6528, 103.7927

Triad

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



72.5639, 78.6528, 102.6238



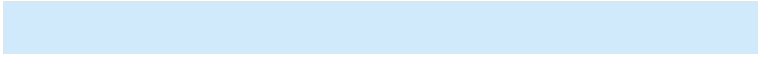
80.8527, 78.6528, 83.1720



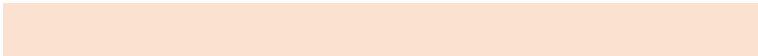
71.0966, 78.6528, 72.8551

Complementary

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



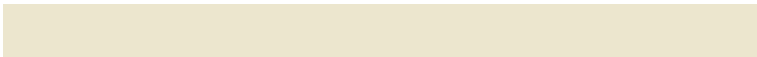
72.5639, 78.6528, 102.6238



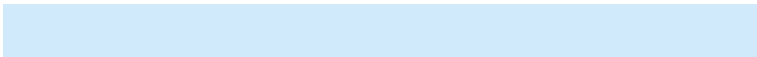
78.3657, 79.4558, 70.8822

Split Complementary

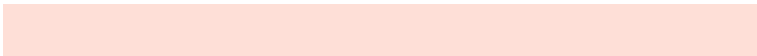
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8905, 78.6528, 69.7369



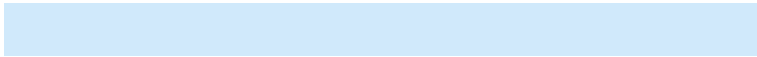
72.5639, 78.6528, 102.6238



79.5632, 78.6528, 75.4163

Square

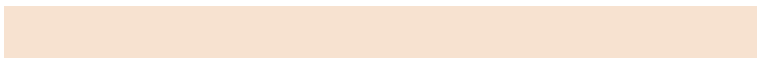
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5639, 78.6528, 102.6238



80.4735, 78.6528, 92.1411



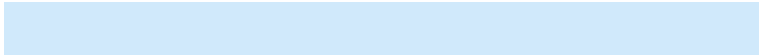
76.9941, 78.6528, 70.6409



69.3181, 78.6528, 79.4512

Rectangle

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



72.5639, 78.6528, 102.6238



77.6416, 78.6528, 101.6729



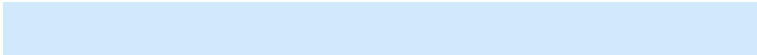
76.9941, 78.6528, 70.6409



71.9450, 78.6528, 71.3871

Sweetspot

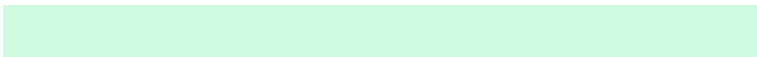
The Sweet Spot groups the original color and five complimentary colors.



72.5662, 78.6560, 102.6256



88.8350, 94.3039, 108.1281



74.2270, 87.8921, 84.9457



18.8335, 20.0179, 23.1212



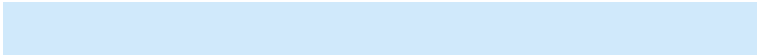
0.0000, 0.0000, 0.0000



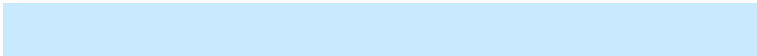
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5662, 78.6560, 102.6256



71.2809, 77.7446, 105.8570



66.8659, 67.2554, 100.7255



17.1215, 18.3199, 22.0190



14.6989, 14.7533, 50.0465



1.4661, 1.5759, 4.6701

Inverse Universe

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



77.0494, 71.5059, 86.8356



76.8808, 69.1031, 86.0685



84.5585, 91.8414, 72.9464



17.6679, 17.3945, 20.1068



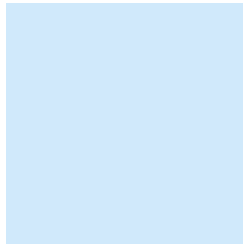
23.7113, 11.9003, 15.7202



2.2490, 1.1233, 1.7344

Previews

White Background



This preview shows how the XYZ color 72.5639, 78.6528, 102.6238 looks on a white background.

Color Contrast Check

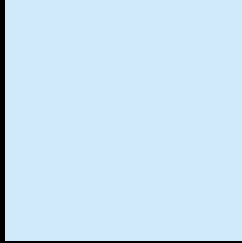
Large Text (above 18pt) WCAG AA × Fail

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 72.5639, 78.6528, 102.6238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

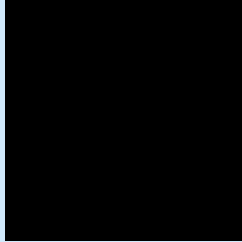
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

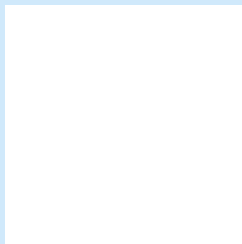
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5639, 78.6528, 102.6238

Background



This preview shows how black text looks on a background with the XYZ color 72.5639, 78.6528, 102.6238.



This preview shows how white text looks on a background with the XYZ color 72.5639, 78.6528,

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



Original Color

72.5639, 78.6528, 102.6238

Protanopia

76.6816, 78.7581, 99.9672

Deuteranopia

80.0525, 78.3925, 103.8405



Tritanopia

72.5639, 78.6528, 102.6238

Trichromacy



Original Color

72.5639, 78.6528, 102.6238

Protanomaly

75.2145, 78.8053, 100.8693

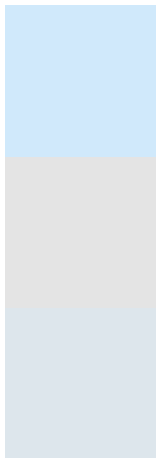
Deuteranomaly

77.0347, 78.4604, 103.1797

Tritanomaly

72.5639, 78.6528, 102.6238

Monochromacy



Original Color

72.5639, 78.6528, 102.6238

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2559, 78.0219, 90.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5639, 78.6528, 102.6238 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(208, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 233, 251)  
}
```

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(208, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 233, 251) }
```

Border

The CSS property to change the border of an element to XYZ 72.5639, 78.6528, 102.6238 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(208, 233, 251) }
```


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

```
.border{ border-color:rgb(208, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 233,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5639, 78.6528, 102.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 233, 251) }
```

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

```
.background{ background-color: rgb(208,  
233, 251) }
```

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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