

Converting Colors

XYZ(72.5240, 76.3034,
100.2869)

Have a look what the booklet for
XYZ(72.5240, 76.3034, 100.2869)
contains.

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Color

**XYZ(72.5923, 76.2248,
100.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E3F9
RGB	215, 227, 249
RGB Percent	84%, 89%, 98%
CMY	0.1569, 0.1098, 0.0235
CMYK	0.14, 0.09, 0.00, 0.02
HSL	219°, 74%, 91%
HSV	219°, 14%, 98%
XYZ	72.5923, 76.2248, 100.5094
YIQ	225.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

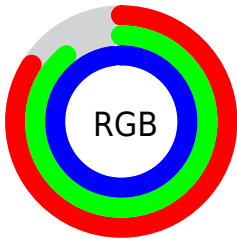
Format	Color
R _Y B	215, 224, 249
Decimal	14148601
CIE Lab	89.96, 0.30, -12.04
CIE LCh	90, 12.044, 271.428
Yxy	76.2248, 0.2912, 0.3057
Android (android.graphics.Color)	4292338681 (0xFFD7E3F9)
YUV	225.9200, 11.3784, -9.5768
Hunter-Lab	87.3068, -4.3710, -7.1411

Details

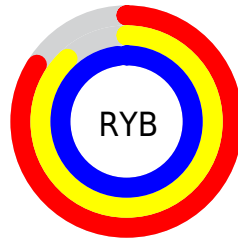
The XYZ color **72.5923, 76.2248, 100.5094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.6173, 85.6141, 76.5150**, and the grayscale version is **72.1606, 75.9185, 82.6753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8754, 40.8289, 56.2839** is the 20% darker color. If you saturate the color by 10%, you get **61.6281, 64.3365, 98.7938**, and if you desaturate by 10%, it is **85.0861, 89.5177, 102.4179**.

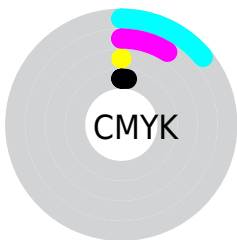
Distribution



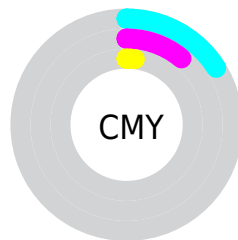
- Red (84%)
- Green (89%)
- Blue (98%)



- Red (84%)
- Yellow (88%)
- Blue (98%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5923, 76.2248, 100.5094 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 72.5923, 76.2248, 100.5094 by changing the saturation by 10% instead.

■ 72.5923, 76.2248,
100.5094

■ 72.5923, 76.2248,
100.5094

458.7263,
482.1169, 583.0852

■ 53.9298, 56.6169,
76.1068

121.9045,
128.0446, 163.9150

■ 38.7760, 40.6977,
56.0129

153.2850,
161.0253, 203.7551

■ 26.7655, 28.0830,
39.8092

189.6355,
199.2323, 249.5781

■ 17.5328, 18.3882,
27.0772

231.3214,
243.0501, 301.8025

■ 10.7128, 11.2291,
17.3982

278.7081,
292.8631, 360.8468

■ 5.9399, 6.2211,
10.3539

332.1609,

■ 2.8489, 2.9800,

349.0556, 427.1297

5.5255

392.0452,
412.0121, 501.0697

■ 1.0744, 1.1213,
2.4947

■ 0.0035, 0.0000,
0.8374

■ 72.5923, 76.2248,
100.5094

■ 72.5923, 76.2248,
100.5094

■ 61.6281, 64.3365,
98.7938

■ 85.0861, 89.5177,
102.4179

■ 52.1253, 53.7949,
97.2599

■ 94.0991, 99.6196,
103.8927

■ 44.0205, 44.5518,
95.9030

■ 37.2426, 36.5524,
94.7162

■ 31.7139, 29.7374,
93.6922

■ 27.3480, 24.0418,
92.8229

■ 24.0458, 19.3932,
92.0997

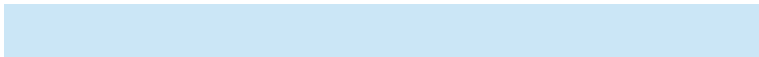
■ 21.6891, 15.7073,
91.5125

■ 20.5810, 13.8035,
91.2034

Harmonies

Analogous

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



69.7428, 76.2248, 98.2611



72.5923, 76.2248, 100.5094



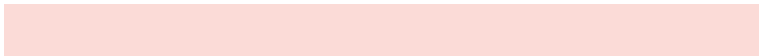
75.4790, 76.2248, 97.8041

Triad

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



72.5923, 76.2248, 100.5094



77.4506, 76.2248, 74.7282



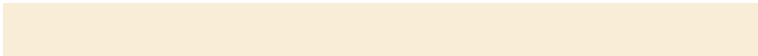
67.5319, 76.2248, 75.3907

Complementary

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



72.5923, 76.2248, 100.5094



81.6173, 85.6141, 76.5150

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.



69.5019, 76.2248, 69.7633



72.5923, 76.2248, 100.5094



75.2251, 76.2248, 69.3996

Square

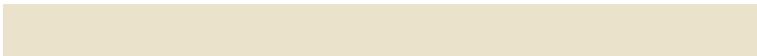
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5923, 76.2248, 100.5094



78.3311, 76.2248, 82.5875



72.3067, 76.2248, 67.6450



66.8697, 76.2248, 83.4055

Rectangle

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



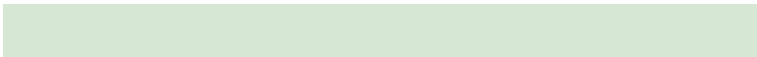
72.5923, 76.2248, 100.5094



77.0231, 76.2248, 93.6561



72.3067, 76.2248, 67.6450



68.0604, 76.2248, 73.1769

Sweetspot

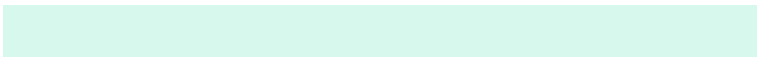
The Sweet Spot groups the original color and five complimentary colors.



72.5946, 76.2280, 100.5111



89.3272, 93.9781, 108.0393



77.1194, 88.2870, 92.7416



18.8958, 19.8786, 23.0910



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.



72.5946, 76.2280, 100.5111



73.7497, 77.3658, 105.6538



70.7749, 70.5849, 99.5178



16.7843, 17.6455, 21.9066



11.1372, 7.6300, 48.8593



1.1271, 0.8979, 4.5571

Inverse Universe

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



77.2343, 74.2884, 82.9451



79.4248, 75.0895, 84.1465



83.6131, 91.9757, 77.6377



17.4977, 17.3264, 19.2105



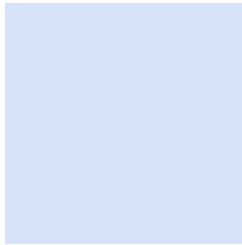
21.9136, 11.1812, 6.2533



2.0778, 1.0549, 0.8334

Previews

White Background



This preview shows how the XYZ color 72.5923, 76.2248, 100.5094 looks on a white background.

Color Contrast Check

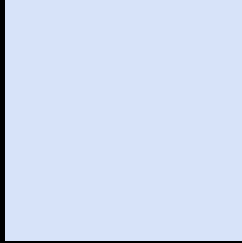
Large Text (above 18pt) WCAG AA × Fail

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 72.5923, 76.2248, 100.5094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

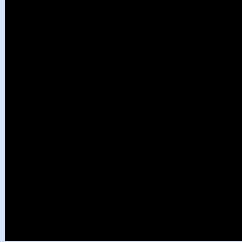
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5923, 76.2248, 100.5094

Background



This preview shows how black text looks on a background with the XYZ color 72.5923, 76.2248, 100.5094.



This preview shows how white text looks on a background with the XYZ color 72.5923, 76.2248,

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

72.5923, 76.2248, 100.5094

Protanopia

74.4542, 76.4131, 98.8207

Deuteranopia

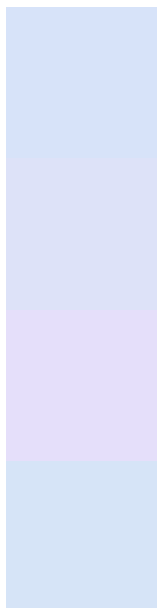
77.7736, 76.0931, 101.0308



Tritanopia

72.1095, 76.4368, 98.1420

Trichromacy



Original Color

72.5923, 76.2248, 100.5094

Protanomaly

73.9584, 76.5422, 99.6830

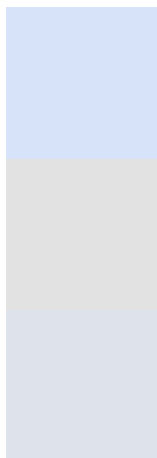
Deuteranomaly

75.9561, 76.3355, 101.1734

Tritanomaly

72.2635, 76.4983, 98.9527

Monochromacy



Original Color

72.5923, 76.2248, 100.5094

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1718, 75.8628, 88.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5923, 76.2248, 100.5094 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(215, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 249)  
}
```

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(215, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 249) }
```

Border

The CSS property to change the border of an element to XYZ 72.5923, 76.2248, 100.5094 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(215, 227, 249) }
```


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

```
.border{ border-color:rgb(215, 227, 249) }
```

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

Here you see how a box with a 4 pixel rgb(215, 227, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5923, 76.2248, 100.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 249) }
```

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

```
.background{ background-color: rgb(215,  
227, 249) }
```

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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