

Converting Colors

XYZ(73.0941, 78.4023, 96.6320)

Have a look what the booklet for
XYZ(73.0941, 78.4023, 96.6320)
contains.

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Color

**XYZ(72.9294, 78.1306,
96.8249)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7E7F4 |
| RGB | 215, 231, 244 |
| RGB Percent | 84%, 91%, 96% |
| CMY | 0.1569, 0.0941, 0.0431 |
| CMYK | 0.12, 0.05, 0.00, 0.04 |
| HSL | 207°, 57%, 90% |
| HSV | 207°, 12%, 96% |
| XYZ | 72.9294, 78.1306, 96.8249 |
| YIQ | 227.6980, -13.7090, 0.6510 |

Conversions

Conversions Part 2

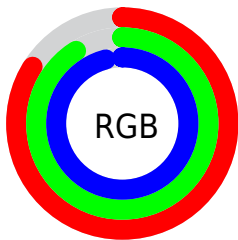
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 225, 244 |
| Decimal | 14149620 |
| CIE Lab | 90.84, -2.77, -8.12 |
| CIE LCh | 91, 8.580, 251.173 |
| Yxy | 78.1306, 0.2942, 0.3152 |
| Android (android.graphics.Color) | 4292339700 (0xFFD7E7F4) |
| YUV | 227.6980, 8.0369, -11.1361 |
| Hunter-Lab | 88.3915, -7.4097, -3.0728 |

Details

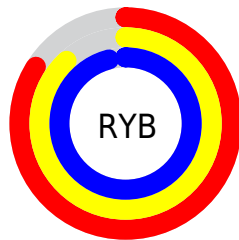
The XYZ color **72.9294, 78.1306, 96.8249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.3178, 79.6258, 75.5856**, and the grayscale version is **73.4744, 77.3008, 84.1806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9043, 41.7644, 53.5878** is the 20% darker color. If you saturate the color by 10%, you get **63.3268, 68.7797, 95.5273**, and if you desaturate by 10%, it is **83.7963, 88.4213, 98.2397**.

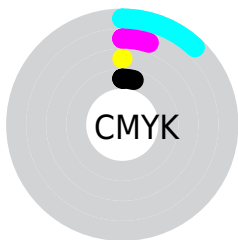
Distribution



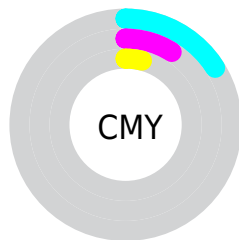
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (88%)
- Blue (96%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9294, 78.1306, 96.8249 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 72.9294, 78.1306, 96.8249 by changing the saturation by 10% instead.

■ 72.9294, 78.1306,
96.8249

■ 72.9294, 78.1306,
96.8249

459.8777,
488.6102, 571.1237

■ 54.2064, 58.1813,
73.0495

122.3807,
130.7342, 158.8006

■ 38.9980, 41.9544,
53.5244

153.8396,
164.1573, 197.8379

■ 26.9389, 29.0656,
37.8310

190.2746,
202.8404, 242.7997

■ 17.6637, 19.1304,
25.5507

232.0510,
247.1679, 294.1045

■ 10.8070, 11.7646,
16.2651

279.5342,
297.5243, 352.1707

■ 6.0036, 6.5836,
9.5555

333.0894,

■ 2.8879, 3.2031,

354.2939, 417.4170

5.0036

393.0821,
417.8610, 490.2618

■ 1.0948, 1.2386,
2.1906

■ 0.0207, 0.0929,
0.6689

■ 72.9294, 78.1306,
96.8249

■ 72.9294, 78.1306,
96.8249

■ 63.3268, 68.7797,
95.5273

■ 83.7963, 88.4213,
98.2397

■ 54.9312, 60.3277,
94.3384

■ 92.6554, 97.9638,
99.6146

■ 47.6904, 52.7445,
93.2564

■ 93.3294, 99.3117,
99.8393

■ 41.5460, 45.9945,
92.2773

■ 36.4337, 40.0389,
91.3972

■ 32.2817, 34.8351,
90.6116

■ 29.0082, 30.3346,
89.9155

■ 26.5151, 26.4809,
89.3030

■ 24.9445, 23.7621,
88.8610

Harmonies

Analogous

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



71.1802, 78.1306, 93.1387



72.9294, 78.1306, 96.8249



75.0679, 78.1306, 97.2733

Triad

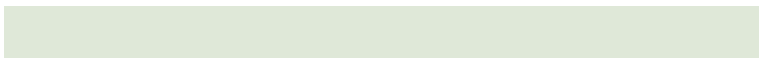
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9294, 78.1306, 96.8249



78.4075, 78.1306, 82.7884



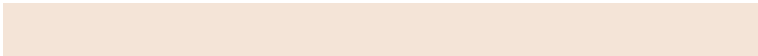
71.5618, 78.1306, 76.4335

Complementary

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



72.9294, 78.1306, 96.8249



77.3178, 79.6258, 75.5856

Split Complementary

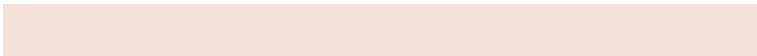
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4595, 78.1306, 73.9343



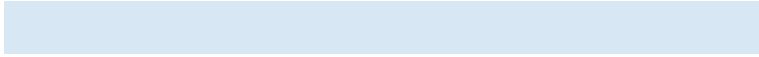
72.9294, 78.1306, 96.8249



77.4290, 78.1306, 77.4831

Square

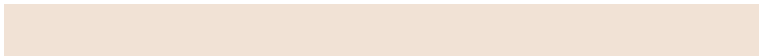
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



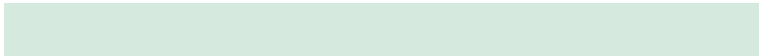
72.9294, 78.1306, 96.8249



78.2589, 78.1306, 88.9649



75.6083, 78.1306, 74.3089



70.4012, 78.1306, 81.2923

Rectangle

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



72.9294, 78.1306, 96.8249



76.4300, 78.1306, 95.6520



75.6083, 78.1306, 74.3089



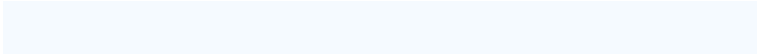
72.1331, 78.1306, 75.3005

Sweetspot

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



72.9317, 78.1339, 96.8266



89.9554, 95.2345, 108.2487



74.3199, 84.7272, 85.5221



19.0546, 20.1964, 23.1439



0.0000, 0.0000, 0.0000



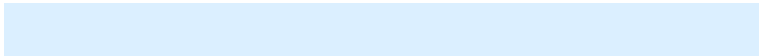
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9317, 78.1339, 96.8266



78.2205, 84.0600, 106.7103



69.1505, 70.5716, 95.5663



16.3394, 17.4430, 21.0482



13.7018, 13.1974, 48.3632



1.3068, 1.3650, 4.2848

Inverse Universe

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



76.0343, 73.6052, 85.8049



82.2299, 78.3117, 92.4436



81.3472, 87.6847, 76.9288



16.8819, 16.6356, 19.1245



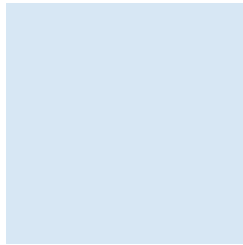
22.7206, 11.4317, 13.7687



2.0487, 1.0254, 1.4826

Previews

White Background



This preview shows how the XYZ color 72.9294, 78.1306, 96.8249 looks on a white background.

Color Contrast Check

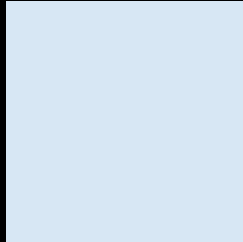
Large Text (above 18pt) WCAG AA × Fail

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 72.9294, 78.1306, 96.8249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

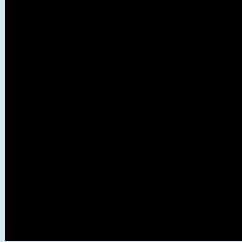
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

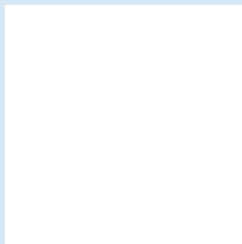
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9294, 78.1306, 96.8249

Background



This preview shows how black text looks on a background with the XYZ color 72.9294, 78.1306, 96.8249.



This preview shows how white text looks on a background with the XYZ color 72.9294, 78.1306,

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

72.9294, 78.1306, 96.8249

Protanopia

75.8092, 78.0070, 95.0657

Deuteranopia

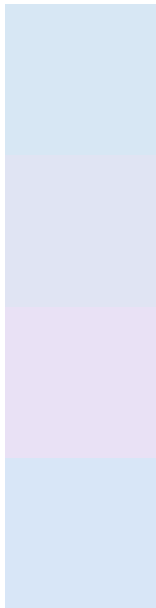
79.7180, 77.9511, 98.0332



Tritanopia

73.7146, 78.0321, 100.7991

Trichromacy



Original Color

72.9294, 78.1306, 96.8249

Protanomaly

74.6615, 77.8052, 95.8768

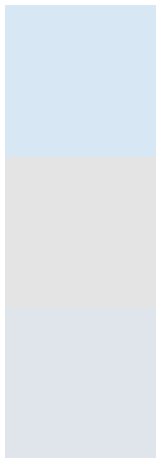
Deuteranomaly

77.0109, 77.7666, 97.3378

Tritanomaly

73.4042, 77.9080, 99.1646

Monochromacy



Original Color

72.9294, 78.1306, 96.8249

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3020, 77.6671, 88.9697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9294, 78.1306, 96.8249 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, 231, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 231, 244)  
}
```

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, 231, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 231, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.9294, 78.1306, 96.8249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

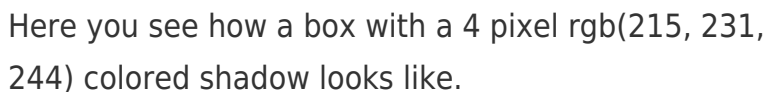
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 231, 244) }
```


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

```
.border{ border-color:rgb(215, 231, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 231, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 231, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 231, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 231,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9294, 78.1306, 96.8249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 231, 244) }
```

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

```
.background{ background-color: rgb(215,  
231, 244) }
```

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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