

Converting Colors

XYZ(72.9028, 77.4937, 93.1113)

Have a look what the booklet for
XYZ(72.9028, 77.4937, 93.1113)
contains.

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Color

**XYZ(72.8127, 77.3307,
92.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE5EF
RGB	219, 229, 239
RGB Percent	86%, 90%, 94%
CMY	0.1412, 0.1019, 0.0627
CMYK	0.08, 0.04, 0.00, 0.06
HSL	210°, 38%, 90%
HSV	210°, 8%, 94%
XYZ	72.8127, 77.3307, 92.7500
YIQ	227.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

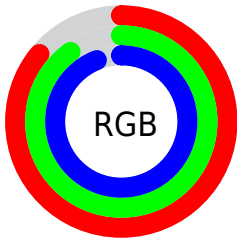
Format	Color
R _Y B	219, 226, 239
Decimal	14411247
CIE Lab	90.47, -1.44, -6.01
CIE LCh	90, 6.184, 256.571
Yxy	77.3307, 0.2998, 0.3184
Android (android.graphics.Color)	4292601327 (0xFFDBE5EF)
YUV	227.1500, 5.8420, -7.1476
Hunter-Lab	87.9379, -6.0930, -0.9779

Details

The XYZ color **72.8127, 77.3307, 92.7500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4023, 79.5031, 78.3379**, and the grayscale version is **73.0883, 76.8945, 83.7382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9931, 41.5835, 50.7710** is the 20% darker color. If you saturate the color by 10%, you get **62.9403, 67.5041, 91.3748**, and if you desaturate by 10%, it is **83.9494, 88.1510, 94.2528**.

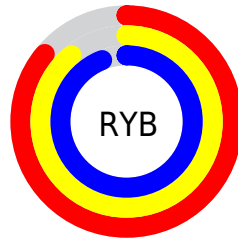
Distribution



Red (86%)

Green (90%)

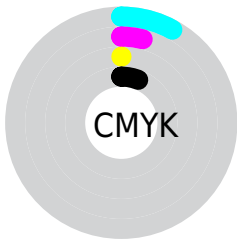
Blue (94%)



Red (86%)

Yellow (89%)

Blue (94%)

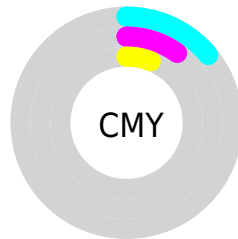


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8127, 77.3307, 92.7500 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 72.8127, 77.3307, 92.7500 by changing the saturation by 10% instead.

■ 72.8127, 77.3307,
92.7500

■ 72.8127, 77.3307,
92.7500

459.4792,
485.8908, 557.7357

■ 54.1107, 57.5243,
69.6772

122.2158,
129.6062, 153.1212

■ 38.9212, 41.4264,
50.7883

153.6477,
162.8441, 191.2566

■ 26.8788, 28.6524,
35.6646

190.0534,
201.3280, 235.2500

■ 17.6184, 18.8180,
23.8876

231.7985,
245.4422, 285.5200

■ 10.7744, 11.5389,
15.0388

279.2483,
295.5713, 342.4850

■ 5.9815, 6.4305,
8.6997

332.7681,

■ 2.8744, 3.1086,

352.0994, 406.5636

4.4517

392.7233,
415.4112, 478.1743

■ 1.0877, 1.1887,
1.8763

■ 0.0148, 0.0524,
0.4776

■ 72.8127, 77.3307,
92.7500

■ 72.8127, 77.3307,
92.7500

■ 62.9403, 67.5041,
91.3748

■ 83.9494, 88.1510,
94.2528

■ 54.2772, 58.6297,
90.1185

■ 91.9129, 97.6776,
95.6718

■ 46.7740, 50.6772,
88.9789

■ 92.5802, 99.0121,
95.8943

■ 40.3751, 43.6108,
87.9522

■ 35.0201, 37.3918,
87.0341

■ 30.6420, 31.9781,
86.2199

■ 27.1653, 27.3227,
85.5046

■ 24.5014, 23.3716,
84.8823

■ 22.5264, 20.0521,
84.3457

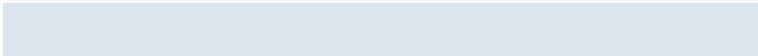
Harmonies

Analogous

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



71.4770, 77.3307, 90.5315



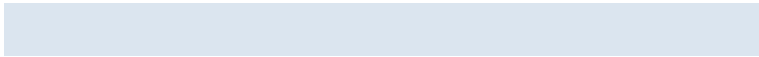
72.8127, 77.3307, 92.7500



74.3511, 77.3307, 92.6213

Triad

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



72.8127, 77.3307, 92.7500



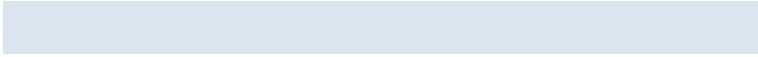
76.3850, 77.3307, 81.7965



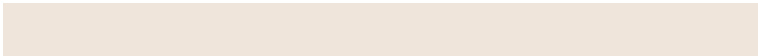
71.3640, 77.3307, 78.4852

Complementary

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



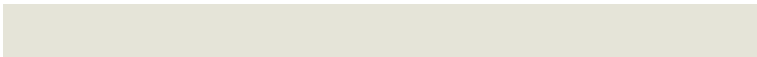
72.8127, 77.3307, 92.7500



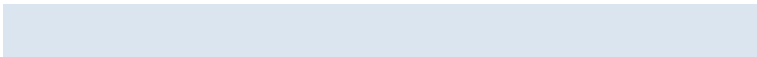
76.4023, 79.5031, 78.3379

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.



72.6564, 77.3307, 76.3053



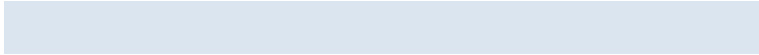
72.8127, 77.3307, 92.7500



75.5619, 77.3307, 78.1708

Square

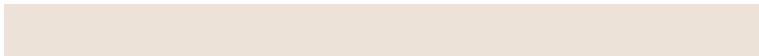
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8127, 77.3307, 92.7500



76.4283, 77.3307, 86.1915



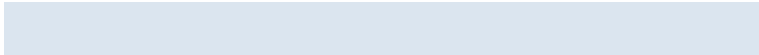
74.1926, 77.3307, 76.1923



70.6485, 77.3307, 82.2394

Rectangle

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



72.8127, 77.3307, 92.7500



75.2849, 77.3307, 91.2199



74.1926, 77.3307, 76.1923



71.7445, 77.3307, 77.5498

Sweetspot

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



72.8149, 77.3340, 92.7517



91.0836, 96.1625, 108.3683



74.1775, 82.4329, 85.8878



19.2736, 20.3670, 23.1653



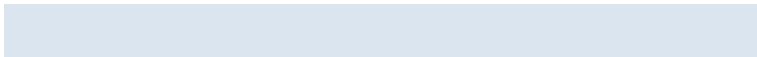
0.0000, 0.0000, 0.0000



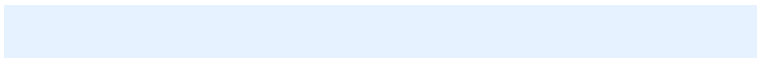
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8149, 77.3340, 92.7517



82.3508, 87.6163, 107.1790



70.2132, 72.1306, 91.8845



15.5505, 16.5351, 20.0936



12.4225, 11.0693, 46.6097



1.1329, 1.1199, 3.9107

Inverse Universe

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



75.0727, 74.6724, 84.5890



85.4631, 84.0018, 95.9146



79.1530, 85.0044, 79.2548



16.1026, 15.8907, 18.0963



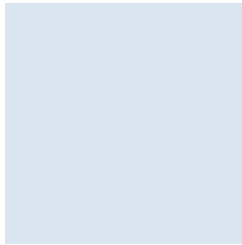
21.5959, 10.9108, 11.0546



1.8468, 0.9278, 1.1841

Previews

White Background



This preview shows how the XYZ color 72.8127, 77.3307, 92.7500 looks on a white background.

Color Contrast Check

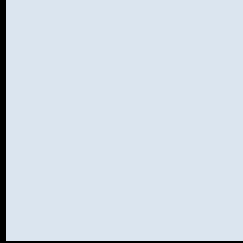
Large Text (above 18pt) WCAG AA × Fail

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 72.8127, 77.3307, 92.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

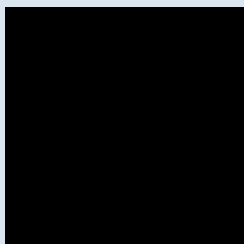
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

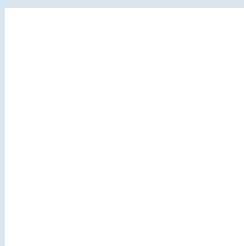
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8127, 77.3307, 92.7500

Background



This preview shows how black text looks on a background with the XYZ color 72.8127, 77.3307, 92.7500.



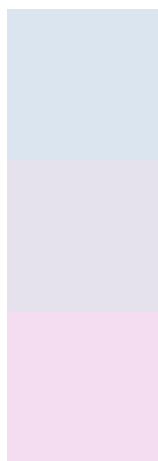
This preview shows how white text looks on a background with the XYZ color 72.8127, 77.3307,

92.7500.

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

72.8127, 77.3307, 92.7500

Protanopia

74.7955, 77.1652, 91.0730

Deuteranopia

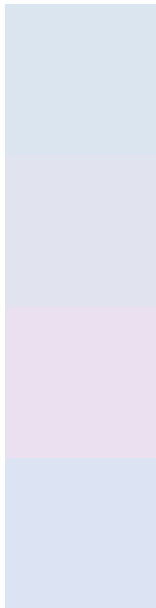
79.0419, 77.2969, 93.9729



Tritanopia

73.8932, 77.3563, 98.2254

Trichromacy



Original Color

72.8127, 77.3307, 92.7500

Protanomaly

73.9530, 77.1188, 91.8766

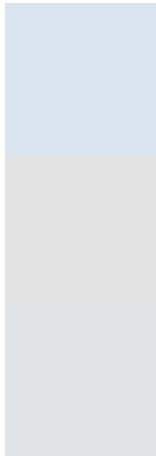
Deuteranomaly

76.6448, 77.2647, 93.3120

Tritanomaly

73.4363, 77.1735, 95.8195

Monochromacy



Original Color

72.8127, 77.3307, 92.7500

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9077, 77.1036, 86.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8127, 77.3307, 92.7500 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(219, 229, 239) looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 239)  
}
```

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(219, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.8127, 77.3307, 92.7500 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(219, 229, 239) }
```


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

```
.border{ border-color:rgb(219, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 239);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8127, 77.3307, 92.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 239) }
```

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

```
.background{ background-color: rgb(219,  
229, 239) }
```

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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