

Converting Colors

XYZ(73.4102, 78.1594, 95.4215)

Have a look what the booklet for
XYZ(73.4102, 78.1594, 95.4215)
contains.

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Color

**XYZ(73.2373, 77.9099,
95.1825)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE6F2
RGB	218, 230, 242
RGB Percent	85%, 90%, 95%
CMY	0.1451, 0.0980, 0.0510
CMYK	0.10, 0.05, 0.00, 0.05
HSL	210°, 48%, 90%
HSV	210°, 10%, 95%
XYZ	73.2373, 77.9099, 95.1825
YIQ	227.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

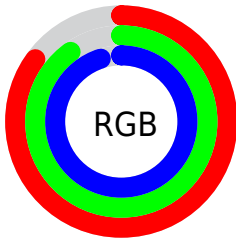
Format	Color
R _Y B	218, 226, 242
Decimal	14345970
CIE Lab	90.74, -1.69, -7.20
CIE LCh	91, 7.396, 256.780
Yxy	77.9099, 0.2973, 0.3163
Android (android.graphics.Color)	4292536050 (0xFFDAE6F2)
YUV	227.7800, 7.0105, -8.5771
Hunter-Lab	88.2666, -6.3600, -2.1489

Details

The XYZ color **73.2373, 77.9099, 95.1825** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5700, 80.5323, 77.7870**, and the grayscale version is **73.5401, 77.3700, 84.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2972, 41.9916, 52.4884** is the 20% darker color. If you saturate the color by 10%, you get **63.2723, 67.9494, 93.7864**, and if you desaturate by 10%, it is **84.4971, 88.8889, 96.7094**.

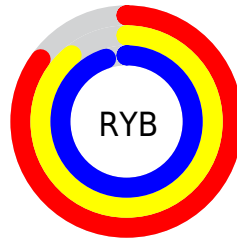
Distribution



Red (85%)

Green (90%)

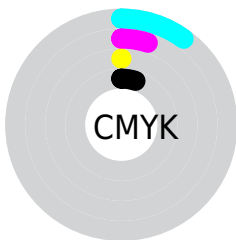
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

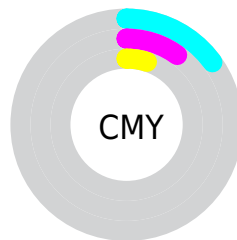


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (10%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2373, 77.9099, 95.1825 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 73.2373, 77.9099, 95.1825 by changing the saturation by 10% instead.

■ 73.2373, 77.9099,
95.1825

■ 73.2373, 77.9099,
95.1825

460.9279,
487.8608, 565.7483

■ 54.4591, 58.0000,
71.6892

122.8153,
130.4231, 156.5145

■ 39.2009, 41.8086,
52.4195

154.3459,
163.7952, 195.1902

■ 27.0975, 28.9515,
36.9550

190.8579,
202.4234, 239.7637

■ 17.7834, 19.0441,
24.8772

232.7168,
246.6922, 290.6537

■ 10.8934, 11.7022,
15.7674

280.2879,
296.9859, 348.2786

■ 6.0619, 6.5412,
9.2071

333.9365,

■ 2.9238, 3.1769,

353.6890, 413.0569

4.7779

394.0281,
417.1858, 485.4074

■ 1.1136, 1.2248,
2.0611

■ 0.0364, 0.0818,
0.5925

■ 73.2373, 77.9099,
95.1825

■ 73.2373, 77.9099,
95.1825

■ 63.2723, 67.9494,
93.7864

■ 84.4971, 88.8889,
96.7094

■ 54.5449, 58.9647,
92.5121

■ 92.7721, 98.6806,
98.1633

■ 47.0037, 50.9241,
91.3576

■ 93.0272, 99.1909,
98.2483

■ 40.5906, 43.7903,
90.3186

■ 35.2424, 37.5229,
89.3908

■ 30.8889, 32.0777,
88.5692

■ 27.4504, 27.4054,
87.8486

■ 24.8329, 23.4487,
87.2228

■ 22.8836, 20.1198,
86.6830

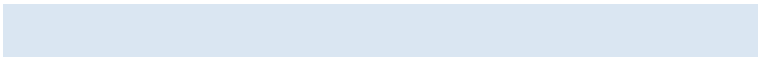
Harmonies

Analogous

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



71.6322, 77.9099, 92.5047



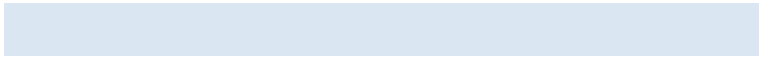
73.2373, 77.9099, 95.1825



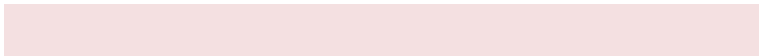
75.0869, 77.9099, 95.0050

Triad

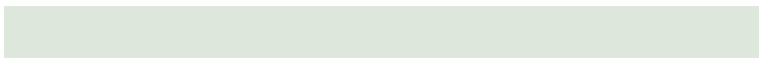
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2373, 77.9099, 95.1825



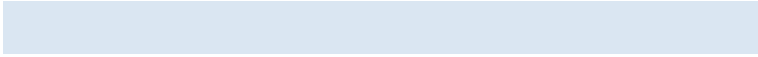
77.5233, 77.9099, 81.9118



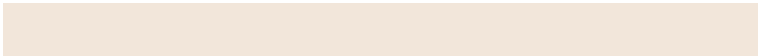
71.4788, 77.9099, 78.0174

Complementary

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



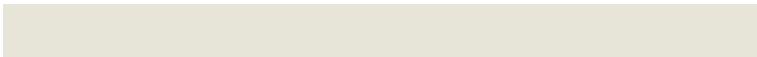
73.2373, 77.9099, 95.1825



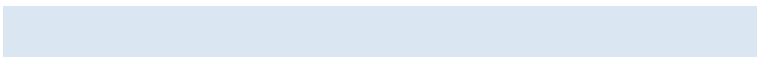
77.5700, 80.5323, 77.7870

Split Complementary

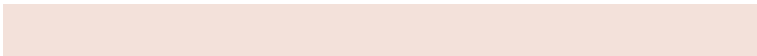
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0247, 77.9099, 75.4099



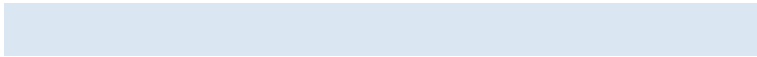
73.2373, 77.9099, 95.1825



76.5237, 77.9099, 77.5931

Square

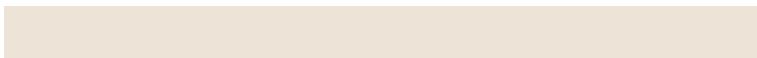
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2373, 77.9099, 95.1825



77.5825, 77.9099, 87.1912



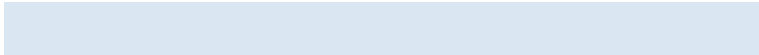
74.8708, 77.9099, 75.2579



70.6284, 77.9099, 82.5130

Rectangle

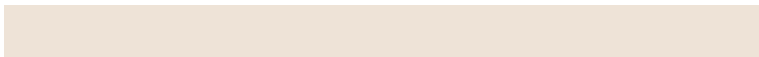
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2373, 77.9099, 95.1825



76.2101, 77.9099, 93.2893



74.8708, 77.9099, 75.2579



71.9332, 77.9099, 76.8993

Sweetspot

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



73.2396, 77.9132, 95.1842



91.0835, 96.1623, 108.3683



74.8937, 84.1018, 86.8560



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.



73.2396, 77.9132, 95.1842



79.9877, 85.2775, 106.8521



70.1171, 71.6682, 94.1434



15.5504, 16.5350, 20.0936



12.4219, 11.0681, 46.6095



1.1329, 1.1198, 3.9106

Inverse Universe

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



75.9741, 74.7349, 85.2878



83.6876, 81.0603, 93.4434



80.9073, 87.2069, 78.8994



16.1025, 15.8907, 18.0961



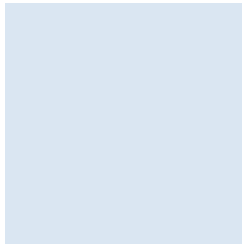
21.5956, 10.9107, 11.0531



1.8468, 0.9278, 1.1840

Previews

White Background



This preview shows how the XYZ color 73.2373, 77.9099, 95.1825 looks on a white background.

Color Contrast Check

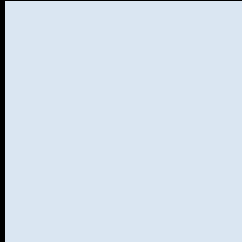
Large Text (above 18pt) WCAG AA × Fail

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 73.2373, 77.9099, 95.1825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

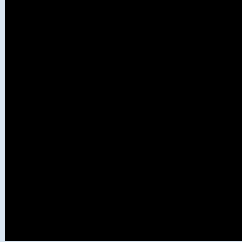
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

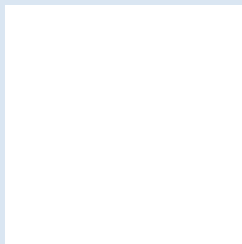
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2373, 77.9099, 95.1825

Background



This preview shows how black text looks on a background with the XYZ color 73.2373, 77.9099, 95.1825.



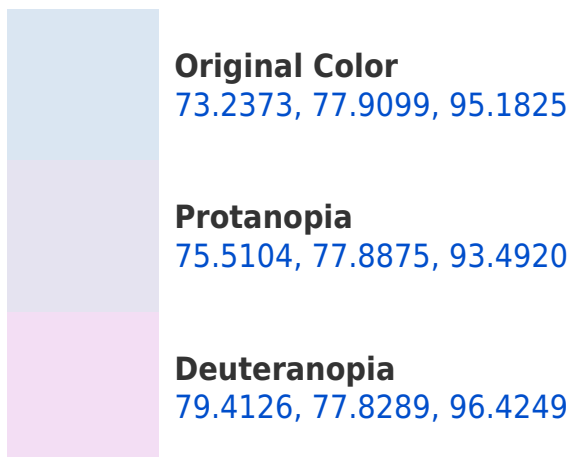
This preview shows how white text looks on a background with the XYZ color 73.2373, 77.9099,

95.1825.

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

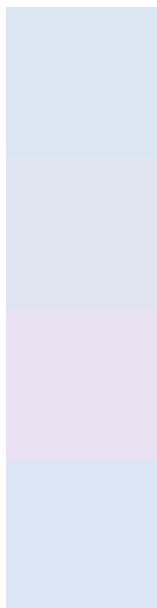




Tritanopia

74.0212, 77.8141, 99.1140

Trichromacy



Original Color

73.2373, 77.9099, 95.1825

Protanomaly

74.6719, 77.8452, 94.3091

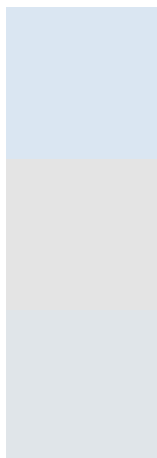
Deuteranomaly

77.0346, 77.8139, 95.7534

Tritanomaly

73.7142, 77.6913, 97.4970

Monochromacy



Original Color

73.2373, 77.9099, 95.1825

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4678, 77.7691, 88.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2373, 77.9099, 95.1825 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(218, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 242)  
}
```

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(218, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.2373, 77.9099, 95.1825 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(218, 230, 242) }
```


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

```
.border{ border-color:rgb(218, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2373, 77.9099, 95.1825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 242) }
```

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

```
.background{ background-color: rgb(218,  
230, 242) }
```

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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