

Converting Colors

XYZ(73.9208, 77.3545, 90.8421)

Have a look what the booklet for
XYZ(73.9208, 77.3545, 90.8421)
contains.

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Color

**XYZ(74.0808, 77.6088,
91.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E4ED
RGB	225, 228, 237
RGB Percent	88%, 89%, 93%
CMY	0.1176, 0.1059, 0.0706
CMYK	0.05, 0.04, 0.00, 0.07
HSL	225°, 25%, 91%
HSV	225°, 5%, 93%
XYZ	74.0808, 77.6088, 91.1963
YIQ	228.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

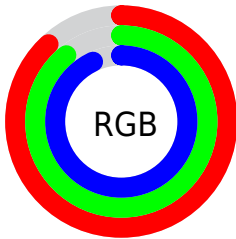
Format	Color
R _Y B	225, 227, 237
Decimal	14804205
CIE Lab	90.60, 0.66, -4.73
CIE LCh	91, 4.775, 277.885
Yxy	77.6088, 0.3050, 0.3195
Android (android.graphics.Color)	4292994285 (0xFFE1E4ED)
YUV	228.1290, 4.3734, -2.7441
Hunter-Lab	88.0959, -4.0651, 0.2904

Details

The XYZ color **74.0808, 77.6088, 91.1963** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.9386, 82.2856, 83.0103**, and the grayscale version is **73.8105, 77.6544, 84.5657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8616, 41.7694, 49.6774** is the 20% darker color. If you saturate the color by 10%, you get **62.5601, 64.7844, 89.3293**, and if you desaturate by 10%, it is **87.1338, 91.9732, 93.2821**.

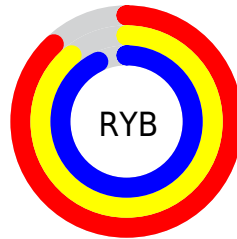
Distribution



Red (88%)

Green (89%)

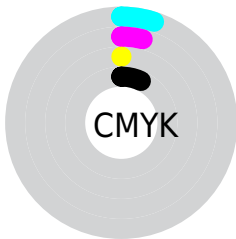
Blue (93%)



Red (88%)

Yellow (89%)

Blue (93%)

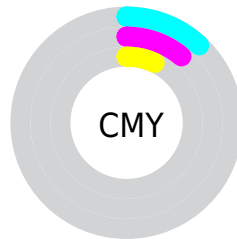


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0808, 77.6088, 91.1963 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 74.0808, 77.6088, 91.1963 by changing the saturation by 10% instead.

■ 74.0808, 77.6088,
91.1963

■ 74.0808, 77.6088,
91.1963

463.7982,
486.8372, 552.5849

■ 55.1517, 57.7527,
68.3940

124.0052,
129.9985, 150.9490

■ 39.7575, 41.6098,
49.7496

155.7313,
163.3009, 188.7365

■ 27.5329, 28.7959,
34.8447

192.4536,
201.8541, 232.3561

■ 18.1125, 18.9265,
23.2607

234.5377,
246.0426, 282.2263

■ 11.1310, 11.6172,
14.5790

282.3489,
296.2508, 338.7658

■ 6.2229, 6.4836,
8.3811

336.2524,

■ 3.0231, 3.1413,

352.8630, 402.3930

4.2485

396.6137,
416.2637, 473.5266

■ 1.1660, 1.2059,
1.7627

■ 0.0792, 0.0665,
0.4031

■ 74.0808, 77.6088,
91.1963

■ 74.0808, 77.6088,
91.1963

■ 62.5601, 64.7844,
89.3293

■ 87.1338, 91.9732,
93.2821

■ 52.5080, 53.4383,
87.6691

■ 92.2863, 98.8945,
94.3465

■ 43.8659, 43.5189,
86.2100

■ 36.5689, 34.9679,
84.9441

■ 30.5466, 27.7229,
83.8630

■ 25.7219, 21.7162,
82.9579

■ 22.0091, 16.8738,
82.2189

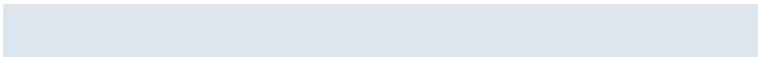
■ 19.3099, 13.1125,
81.6352

■ 17.5066, 10.3363,
81.1944

Harmonies

Analogous

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



72.9024, 77.6088, 90.7527



74.0808, 77.6088, 91.1963



75.1861, 77.6088, 89.8084

Triad

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



74.0808, 77.6088, 91.1963



75.5949, 77.6088, 80.5223



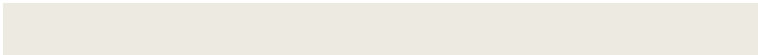
71.6547, 77.6088, 82.0474

Complementary

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



74.0808, 77.6088, 91.1963



77.9386, 82.2856, 83.0103

Split Complementary

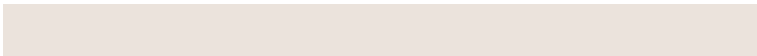
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3616, 77.6088, 79.4104



74.0808, 77.6088, 91.1963



74.6340, 77.6088, 78.5466

Square

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



74.0808, 77.6088, 91.1963



76.0664, 77.6088, 83.6024



73.4498, 77.6088, 78.1451



71.5102, 77.6088, 85.4096

Rectangle

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



74.0808, 77.6088, 91.1963



75.7299, 77.6088, 88.0528



73.4498, 77.6088, 78.1451



71.8340, 77.6088, 81.0495

Sweetspot

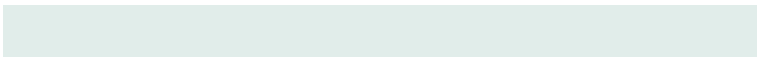
The Sweet Spot groups the original color and five complimentary colors.



74.0830, 77.6121, 91.1980



91.9909, 96.6303, 108.4108



76.1593, 82.5062, 89.6038



19.7219, 20.7182, 23.2095



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.



74.0830, 77.6121, 91.1980



86.0928, 90.1115, 107.4634



74.1440, 76.4274, 90.9661



15.2464, 15.9487, 19.1971



9.2962, 5.2394, 44.2643



0.8045, 0.5604, 3.5006

Inverse Universe

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



75.8556, 77.4579, 84.3555



88.5696, 89.9068, 97.8997



77.8734, 83.5322, 83.2543



15.7318, 15.9099, 17.3224



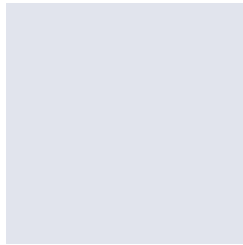
19.5476, 10.0217, 3.4190



1.5726, 0.8020, 0.4665

Previews

White Background



This preview shows how the XYZ color 74.0808, 77.6088, 91.1963 looks on a white background.

Color Contrast Check

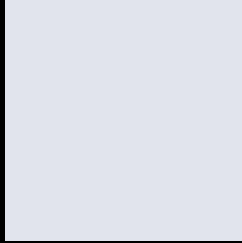
Large Text (above 18pt) WCAG AA × Fail

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 74.0808, 77.6088, 91.1963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

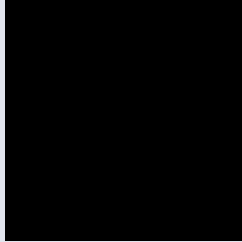
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

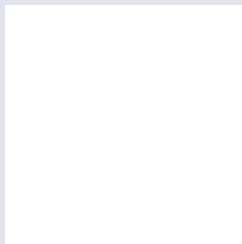
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0808, 77.6088, 91.1963

Background



This preview shows how black text looks on a background with the XYZ color 74.0808, 77.6088, 91.1963.



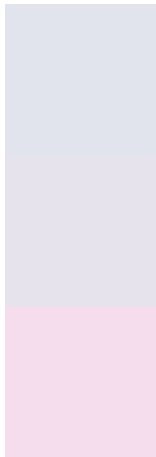
This preview shows how white text looks on a background with the XYZ color 74.0808, 77.6088,

91.1963.

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

74.0808, 77.6088, 91.1963

Protanopia

75.2425, 77.8173, 90.4114

Deuteranopia

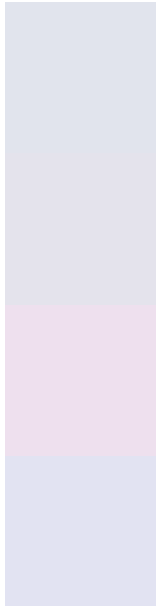
78.9453, 77.2984, 91.6481



Tritanopia

75.3145, 77.6995, 97.4142

Trichromacy



Original Color

74.0808, 77.6088, 91.1963

Protanomaly

74.6043, 77.4883, 90.3815

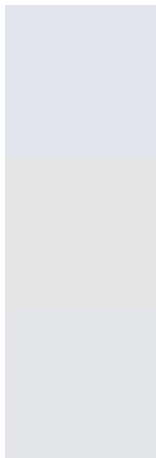
Deuteranomaly

77.3482, 77.6615, 91.8024

Tritanomaly

74.8601, 77.5177, 95.0213

Monochromacy



Original Color

74.0808, 77.6088, 91.1963

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8458, 77.5872, 86.6850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0808, 77.6088, 91.1963 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(225, 228, 237) looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 237)  
}
```

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(225, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.0808, 77.6088, 91.1963 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(225, 228, 237) }
```


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

```
.border{ border-color:rgb(225, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0808, 77.6088, 91.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 237) }
```

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

```
.background{ background-color: rgb(225,  
228, 237) }
```

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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