

Converting Colors

XYZ(75.6925, 78.9273, 93.4504)

Have a look what the booklet for
XYZ(75.6925, 78.9273, 93.4504)
contains.

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Color

**XYZ(75.7424, 78.8239,
93.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E5F0
RGB	228, 229, 240
RGB Percent	89%, 90%, 94%
CMY	0.1059, 0.1019, 0.0588
CMYK	0.05, 0.05, 0.00, 0.06
HSL	235°, 29%, 92%
HSV	235°, 5%, 94%
XYZ	75.7424, 78.8239, 93.6606
YIQ	229.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

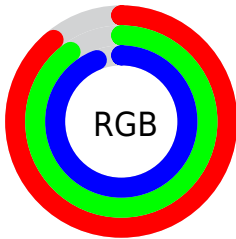
Format	Color
R_{YB}	228, 229, 240
Decimal	15001072
CIE _{Lab}	91.15, 1.68, -5.46
CIE _{LCh}	91, 5.713, 287.148
Yxy	78.8239, 0.3051, 0.3175
Android (android.graphics.Color)	4293191152 (0xFFE4E5F0)
YUV	229.9550, 4.9522, -1.7145
Hunter-Lab	88.7828, -3.0880, -0.3994

Details

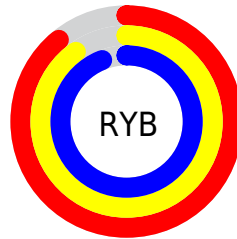
The XYZ color **75.7424, 78.8239, 93.6606** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8054, 85.8589, 85.7136**, and the grayscale version is **75.1492, 79.0628, 86.0994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0214, 42.6170, 51.4113** is the 20% darker color. If you saturate the color by 10%, you get **62.9466, 63.7608, 91.4287**, and if you desaturate by 10%, it is **90.3706, 95.9804, 96.2023**.

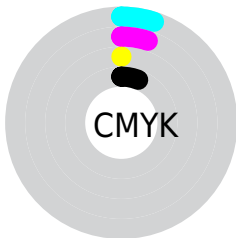
Distribution



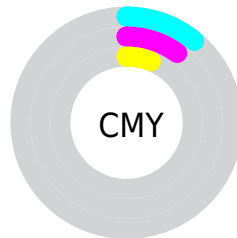
- Red (89%)
- Green (90%)
- Blue (94%)



- Red (89%)
- Yellow (90%)
- Blue (94%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7424, 78.8239, 93.6606 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 75.7424, 78.8239, 93.6606 by changing the saturation by 10% instead.

■ 75.7424, 78.8239,
93.6606

■ 75.7424, 78.8239,
93.6606

469.4234,
490.9604, 560.7425

■ 56.5176, 58.7510,
70.4300

126.3450,
131.7109, 154.3925

■ 40.8567, 42.4127,
51.3982

158.4535,
165.2939, 192.7308

■ 28.3943, 29.4246,
36.1467

195.5874,
204.1489, 236.9422

■ 18.7651, 19.4023,
24.2569

238.1119,
248.6606, 287.4450

■ 11.6036, 11.9613,
15.3103

286.3923,
299.2131, 344.6579

■ 6.5447, 6.7173,
8.8884

340.7942,

■ 3.2228, 3.2860,

356.1910, 408.9995

4.5727

401.6827,
419.9787, 480.8881

■ 1.2726, 1.2828,
1.9445

■ 0.1626, 0.1278,
0.5208

■ 75.7424, 78.8239,
93.6606

■ 75.7424, 78.8239,
93.6606

■ 62.9466, 63.7608,
91.4287

■ 90.3706, 95.9804,
96.2023

■ 51.9043, 50.7011,
89.4900

■ 92.7284, 99.0714,
96.6747

■ 42.5410, 39.5635,
87.8337

■ 34.7743, 30.2569,
86.4467

■ 28.5147, 22.6832,
85.3147

■ 23.6639, 16.7347,
84.4222

■ 20.1118, 12.2918,
83.7519

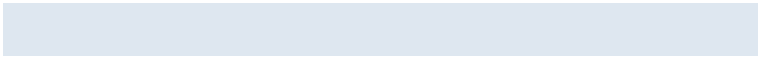
■ 17.7320, 9.2185,
83.2841

■ 16.3719, 7.3532,
82.9957

Harmonies

Analogous

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



74.3031, 78.8239, 93.8244



75.7424, 78.8239, 93.6606



76.9763, 78.8239, 91.3553

Triad

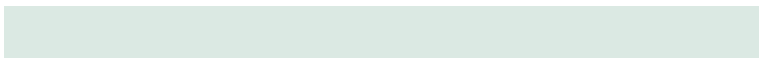
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7424, 78.8239, 93.6606



76.8264, 78.8239, 80.1203



72.2420, 78.8239, 84.0670

Complementary

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



75.7424, 78.8239, 93.6606



80.8054, 85.8589, 85.7136

Split Complementary

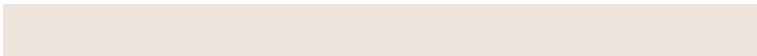
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9001, 78.8239, 80.5241



75.7424, 78.8239, 93.6606



75.5398, 78.8239, 78.2952

Square

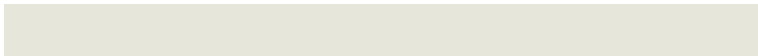
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7424, 78.8239, 93.6606



77.6077, 78.8239, 83.4997



74.1031, 78.8239, 78.4406



72.2946, 78.8239, 88.1947

Rectangle

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



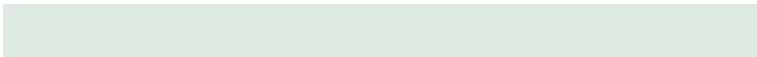
75.7424, 78.8239, 93.6606



77.5109, 78.8239, 88.9550



74.1031, 78.8239, 78.4406



72.3870, 78.8239, 82.7709

Sweetspot

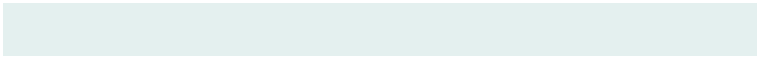
The Sweet Spot groups the original color and five complimentary colors.



75.7447, 78.8273, 93.6623



93.3771, 98.0377, 108.6094



78.7067, 85.0357, 93.7730



20.0042, 21.0048, 23.2499



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.



75.7447, 78.8273, 93.6623



85.3327, 88.5914, 107.2101



77.0118, 79.0694, 93.6423



15.8068, 16.3861, 20.0513



8.7858, 3.7958, 45.3975



0.7672, 0.3884, 3.7887

Inverse Universe

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



77.8232, 79.6707, 85.4090



88.1860, 89.7533, 95.8794



79.4920, 85.6192, 85.7365



16.3934, 16.6255, 17.7216



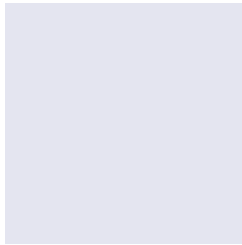
19.7603, 10.1765, 1.3882



1.6622, 0.8539, 0.2120

Previews

White Background



This preview shows how the XYZ color 75.7424, 78.8239, 93.6606 looks on a white background.

Color Contrast Check

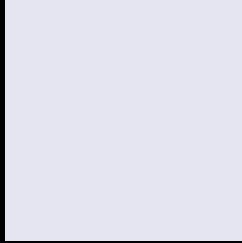
Large Text (above 18pt) WCAG AA × Fail

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 75.7424, 78.8239, 93.6606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

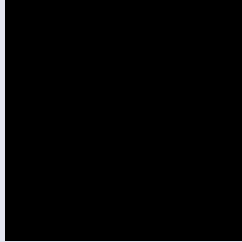
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

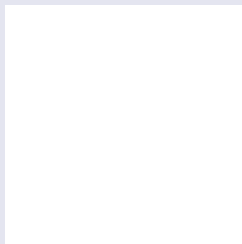
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7424, 78.8239, 93.6606

Background



This preview shows how black text looks on a background with the XYZ color 75.7424, 78.8239, 93.6606.



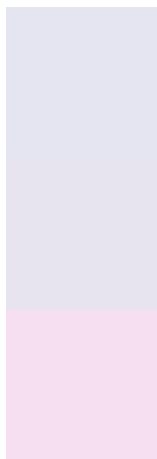
This preview shows how white text looks on a background with the XYZ color 75.7424, 78.8239,

93.6606.

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

75.7424, 78.8239, 93.6606

Protanopia

76.4266, 78.7670, 93.6135

Deuteranopia

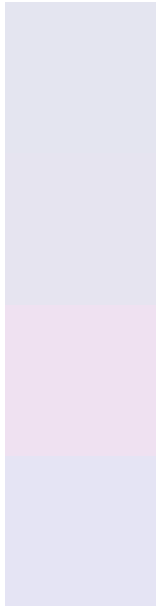
80.2709, 78.7191, 94.1827



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

75.7424, 78.8239, 93.6606

Protanomaly

76.1047, 78.6011, 93.5985

Deuteranomaly

78.3990, 78.5520, 94.2491

Tritanomaly

76.3856, 78.6765, 96.7481

Monochromacy



Original Color

75.7424, 78.8239, 93.6606

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4612, 79.1922, 89.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7424, 78.8239, 93.6606 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(228, 229, 240) looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 240)  
}
```

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(228, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.7424, 78.8239, 93.6606 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(228, 229, 240) }
```


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

```
.border{ border-color:rgb(228, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7424, 78.8239, 93.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 240) }
```

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

```
.background{ background-color: rgb(228,  
229, 240) }
```

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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