

Converting Colors

XYZ(75.2149, 78.9120, 96.0613)

Have a look what the booklet for
XYZ(75.2149, 78.9120, 96.0613)
contains.

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Color

**XYZ(75.2149, 78.9120,
96.0613)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6F3
RGB	224, 230, 243
RGB Percent	88%, 90%, 95%
CMY	0.1216, 0.0980, 0.0471
CMYK	0.08, 0.05, 0.00, 0.05
HSL	221°, 44%, 92%
HSV	221°, 8%, 95%
XYZ	75.2149, 78.9120, 96.0613
YIQ	229.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

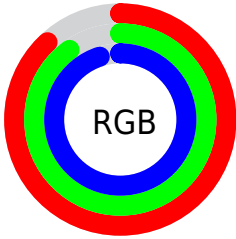
Format	Color
R _Y B	224, 229, 243
Decimal	14739187
CIE Lab	91.19, 0.43, -7.00
CIE LCh	91, 7.015, 273.545
Yxy	78.9120, 0.3006, 0.3154
Android (android.graphics.Color)	4292929267 (0xFFE0E6F3)
YUV	229.6880, 6.5628, -4.9884
Hunter-Lab	88.8324, -4.3198, -1.9321

Details

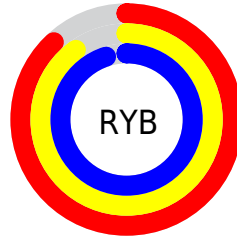
The XYZ color **75.2149, 78.9120, 96.0613** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7010, 85.0040, 82.6763**, and the grayscale version is **74.9423, 78.8451, 85.8623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6618, 42.6828, 53.1092** is the 20% darker color. If you saturate the color by 10%, you get **63.8085, 66.4912, 94.2662**, and if you desaturate by 10%, it is **88.1432, 92.7765, 98.0572**.

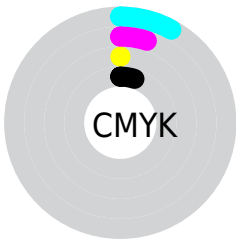
Distribution



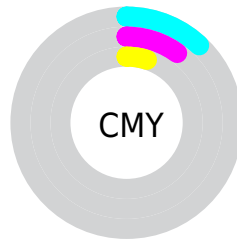
- Red (88%)
- Green (90%)
- Blue (95%)



- Red (88%)
- Yellow (90%)
- Blue (95%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2149, 78.9120, 96.0613 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 75.2149, 78.9120, 96.0613 by changing the saturation by 10% instead.

■ 75.2149, 78.9120,
96.0613

■ 75.2149, 78.9120,
96.0613

467.6417,
491.2586, 568.6280

■ 56.0838, 58.8235,
72.4169

125.6028,
131.8350, 157.7382

■ 40.5073, 42.4710,
53.0104

157.5903,
165.4382, 196.6077

■ 28.1203, 29.4703,
37.4233

194.5939,
204.3151, 241.3893

■ 18.5573, 19.4369,
25.2370

236.9790,
248.8501, 292.5016

■ 11.4529, 11.9864,
16.0331

285.1110,
299.4275, 350.3631

■ 6.4419, 6.7344,
9.3930

339.3552,

■ 3.1588, 3.2966,

356.4318, 415.3923

4.8981

400.0770,
420.2474, 488.0077

■ 1.2383, 1.2884,
2.1299

■ 0.1363, 0.1322,
0.6335

■ 75.2149, 78.9120,
96.0613

■ 75.2149, 78.9120,
96.0613

■ 63.8085, 66.4912,
94.2662

■ 88.1432, 92.7765,
98.0572

■ 53.8596, 55.4561,
92.6606

■ 93.1779, 99.2512,
99.0416

■ 45.3088, 45.7593,
91.2396

■ 38.0901, 37.3468,
89.9963

■ 32.1320, 30.1607,
88.9233

■ 27.3555, 24.1379,
88.0125

■ 23.6722, 19.2093,
87.2553

■ 20.9794, 15.2965,
86.6420

■ 19.1430, 12.3029,
86.1610

Harmonies

Analogous

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



73.4919, 78.9120, 94.9819



75.2149, 78.9120, 96.0613



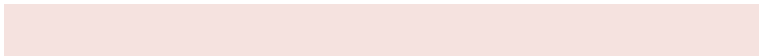
76.9071, 78.9120, 94.3367

Triad

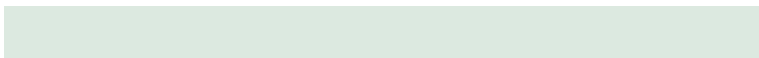
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2149, 78.9120, 96.0613



77.8869, 78.9120, 80.6280



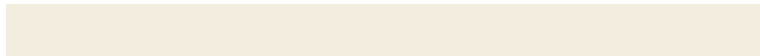
71.9864, 78.9120, 81.6364

Complementary

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



75.2149, 78.9120, 96.0613



80.7010, 85.0040, 82.6763

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.



73.1315, 78.9120, 78.0227



75.2149, 78.9120, 96.0613



76.5357, 78.9120, 77.4569

Square

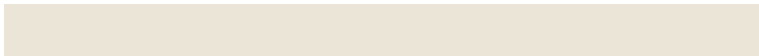
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



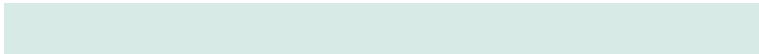
75.2149, 78.9120, 96.0613



78.4651, 78.9120, 85.3183



74.7925, 78.9120, 76.5221



71.6453, 78.9120, 86.5281

Rectangle

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



75.2149, 78.9120, 96.0613



77.7849, 78.9120, 91.8673



74.7925, 78.9120, 76.5221



72.2892, 78.9120, 80.2385

Sweetspot

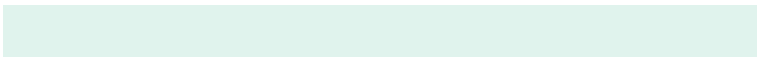
The Sweet Spot groups the original color and five complimentary colors.



75.2172, 78.9153, 96.0630



92.0957, 96.8399, 108.4457



78.0759, 86.0632, 92.6060



19.7433, 20.7609, 23.2166



0.0000, 0.0000, 0.0000



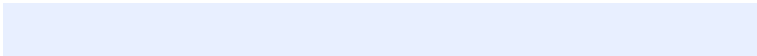
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2172, 78.9153, 96.0630



82.2999, 86.2941, 106.9265



74.6658, 76.1933, 95.5667



16.0085, 16.7812, 20.9379



10.4336, 6.6610, 47.2738



1.0054, 0.7622, 4.1844

Inverse Universe

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



77.9025, 78.0807, 85.8320



85.7353, 85.2512, 93.8317



81.2777, 87.9251, 83.2097



16.7148, 16.5688, 18.2450



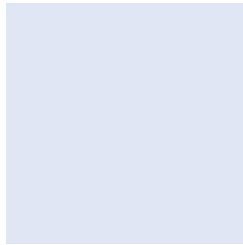
21.0709, 10.7718, 5.0819



1.8965, 0.9646, 0.6816

Previews

White Background



This preview shows how the XYZ color 75.2149, 78.9120, 96.0613 looks on a white background.

Color Contrast Check

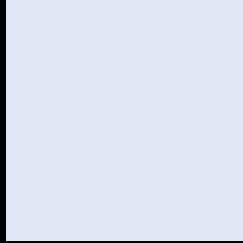
Large Text (above 18pt) WCAG AA × Fail

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 75.2149, 78.9120, 96.0613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

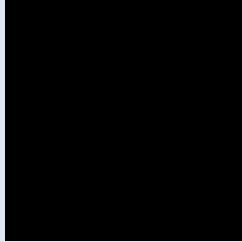
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

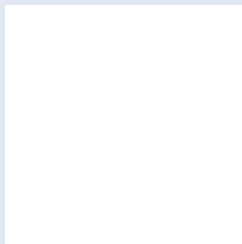
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2149, 78.9120, 96.0613

Background



This preview shows how black text looks on a background with the XYZ color 75.2149, 78.9120, 96.0613.



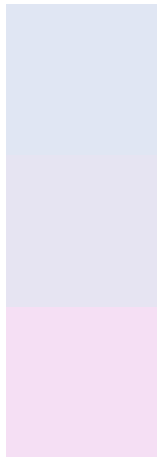
This preview shows how white text looks on a background with the XYZ color 75.2149, 78.9120,

96.0613.

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

75.2149, 78.9120, 96.0613

Protanopia

76.4035, 78.7206, 95.1721

Deuteranopia

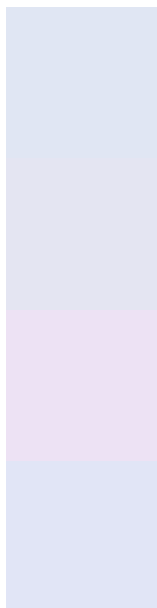
80.3730, 78.7195, 96.5462



Tritanopia

75.8591, 78.7616, 99.2000

Trichromacy



Original Color

75.2149, 78.9120, 96.0613

Protanomaly

76.0412, 78.9434, 95.2342

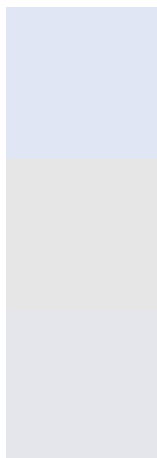
Deuteranomaly

78.4505, 78.9289, 96.6880

Tritanomaly

75.7052, 78.7000, 98.3893

Monochromacy



Original Color

75.2149, 78.9120, 96.0613

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2871, 79.0858, 89.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2149, 78.9120, 96.0613 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(224, 230, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 243)  
}
```

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(224, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.2149, 78.9120, 96.0613 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(224, 230, 243) }
```


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

```
.border{ border-color:rgb(224, 230, 243) }
```

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

Here you see how a box with a 4 pixel rgb(224, 230, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2149, 78.9120, 96.0613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 243) }
```

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

```
.background{ background-color: rgb(224,  
230, 243) }
```

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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