

Converting Colors

XYZ(74.5830, 78.1949, 92.6722)

Have a look what the booklet for
XYZ(74.5830, 78.1949, 92.6722)
contains.

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Color

**XYZ(74.6506, 78.2782,
92.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E5EF
RGB	225, 229, 239
RGB Percent	88%, 90%, 94%
CMY	0.1176, 0.1019, 0.0627
CMYK	0.06, 0.04, 0.00, 0.06
HSL	223°, 30%, 91%
HSV	223°, 6%, 94%
XYZ	74.6506, 78.2782, 92.8360
YIQ	228.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

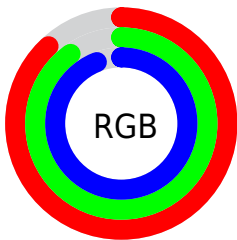
Format	Color
R _Y B	225, 228, 239
Decimal	14804463
CIE Lab	90.91, 0.51, -5.33
CIE LCh	91, 5.351, 275.518
Yxy	78.2782, 0.3037, 0.3185
Android (android.graphics.Color)	4292994543 (0xFFE1E5EF)
YUV	228.9440, 4.9576, -3.4589
Hunter-Lab	88.4750, -4.2221, -0.2800

Details

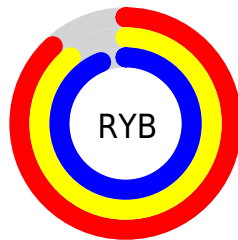
The XYZ color **74.6506, 78.2782, 92.8360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.8956, 83.2027, 83.1368**, and the grayscale version is **74.4046, 78.2794, 85.2463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2609, 42.2370, 50.8303** is the 20% darker color. If you saturate the color by 10%, you get **63.2235, 65.7208, 91.0157**, and if you desaturate by 10%, it is **87.5893, 92.3082, 94.8633**.

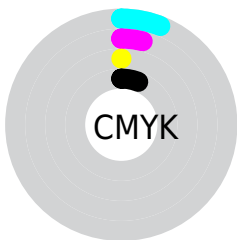
Distribution



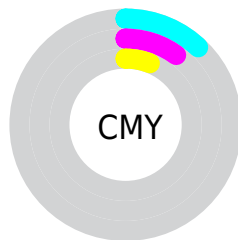
- Red (88%)
- Green (90%)
- Blue (94%)



- Red (88%)
- Yellow (89%)
- Blue (94%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (12%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6506, 78.2782, 92.8360 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 74.6506, 78.2782, 92.8360 by changing the saturation by 10% instead.

■ 74.6506, 78.2782,
92.8360

■ 74.6506, 78.2782,
92.8360

465.7315,
489.1111, 558.0201

■ 55.6199, 58.3025,
69.7483

124.8082,
130.9422, 153.2413

■ 40.1340, 42.0519,
50.8458

156.6658,
164.3994, 191.3959

■ 27.8277, 29.1419,
35.7100

193.5297,
203.1191, 235.4100

■ 18.3356, 19.1882,
23.9224

235.7653,
247.4859, 285.7020

■ 11.2924, 11.8064,
15.0644

283.7379,
297.8841, 342.6904

■ 6.3326, 6.6120,
8.7175

337.8129,

■ 3.0909, 3.2206,

354.6981, 406.7939

4.4631

398.3556,
418.3123, 478.4310

■ 1.2020, 1.2480,
1.8827

■ 0.1080, 0.1004,
0.4817

■ 74.6506, 78.2782,
92.8360

■ 74.6506, 78.2782,
92.8360

■ 63.2235, 65.7208,
91.0157

■ 87.5893, 92.3082,
94.8633

■ 53.2448, 54.5773,
89.3907

■ 92.5802, 99.0121,
95.8942

■ 44.6567, 44.7991,
87.9559

■ 37.3949, 36.3315,
86.7043

■ 31.3898, 29.1156,
85.6280

■ 26.5651, 23.0877,
84.7187

■ 22.8353, 18.1778,
83.9676

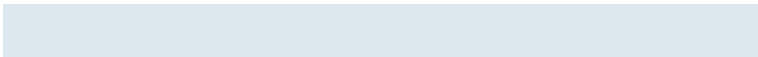
■ 20.1027, 14.3075,
83.3646

■ 18.2488, 11.3854,
82.8983

Harmonies

Analogous

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



73.3321, 78.2782, 92.1675



74.6506, 78.2782, 92.8360



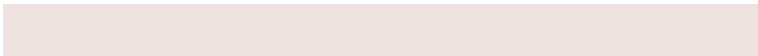
75.9171, 78.2782, 91.4175

Triad

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



74.6506, 78.2782, 92.8360



76.5308, 78.2782, 80.9914



72.0670, 78.2782, 82.1923

Complementary

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



74.6506, 78.2782, 92.8360



78.8956, 83.2027, 83.1368

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.



72.9054, 78.2782, 79.3313



74.6506, 78.2782, 92.8360



75.4804, 78.2782, 78.6528

Square

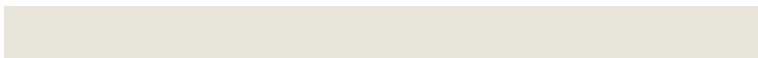
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



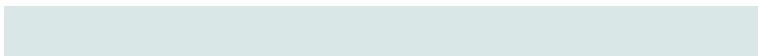
74.6506, 78.2782, 92.8360



77.0110, 78.2782, 84.5198



74.1521, 78.2782, 78.0543



71.8508, 78.2782, 85.9475

Rectangle

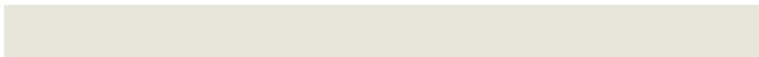
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6506, 78.2782, 92.8360



76.5582, 78.2782, 89.5037



74.1521, 78.2782, 78.0543



72.2849, 78.2782, 81.0977

Sweetspot

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



74.6529, 78.2815, 92.8377



92.0478, 96.7441, 108.4298



76.8855, 83.7284, 90.5559



19.7335, 20.7414, 23.2134



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.



74.6529, 78.2815, 92.8377



84.8532, 88.9065, 107.2962



74.4379, 76.5449, 92.5139



15.7497, 16.4954, 20.0754



9.8606, 5.9455, 45.7558



0.9022, 0.6584, 3.8337

Inverse Universe

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



76.6664, 77.8597, 85.1204



87.6330, 88.3414, 96.6381



79.1168, 85.0376, 83.4793



16.3100, 16.3832, 17.9266



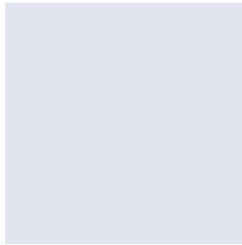
20.3028, 10.3935, 4.2451



1.7303, 0.8812, 0.5708

Previews

White Background



This preview shows how the XYZ color 74.6506, 78.2782, 92.8360 looks on a white background.

Color Contrast Check

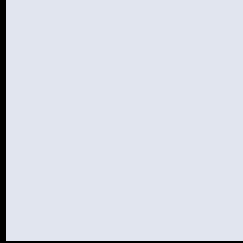
Large Text (above 18pt) WCAG AA × Fail

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 74.6506, 78.2782, 92.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

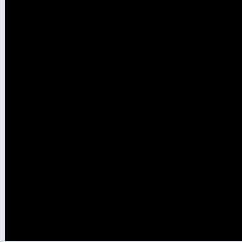
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

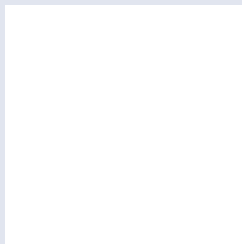
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6506, 78.2782, 92.8360

Background



This preview shows how black text looks on a background with the XYZ color 74.6506, 78.2782, 92.8360.



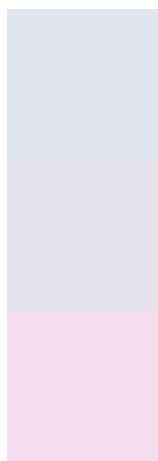
This preview shows how white text looks on a background with the XYZ color 74.6506, 78.2782,

92.8360.

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

74.6506, 78.2782, 92.8360

Protanopia

75.5348, 77.9342, 91.9506

Deuteranopia

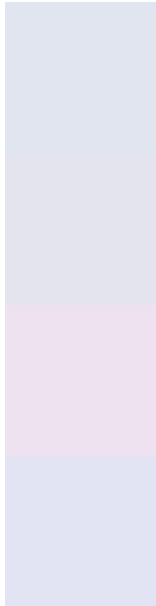
79.8555, 78.1267, 93.3092



Tritanopia

75.7420, 78.3094, 98.3120

Trichromacy



Original Color

74.6506, 78.2782, 92.8360

Protanomaly

75.1709, 78.1538, 92.0122

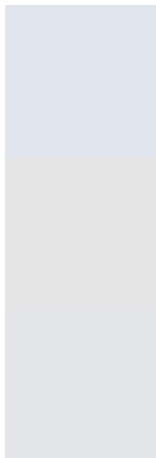
Deuteranomaly

77.9133, 78.3188, 93.4487

Tritanomaly

75.2851, 78.1266, 95.9060

Monochromacy



Original Color

74.6506, 78.2782, 92.8360

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7222, 78.4158, 88.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6506, 78.2782, 92.8360 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, 229, 239)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.6506, 78.2782, 92.8360 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, 229, 239) }
```


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

```
.border{ border-color:rgb(225, 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(225, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 229, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 229, 239); box-shadow:4px 4px 4px 4px rgb(225, 229, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6506, 78.2782, 92.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 239) }
```

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

```
.background{ background-color: rgb(225,  
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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