

Converting Colors

XYZ(74.5634, 76.0408, 95.0160)

Have a look what the booklet for
XYZ(74.5634, 76.0408, 95.0160)
contains.

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Color

**XYZ(74.6776, 76.2161,
94.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E0F2
RGB	228, 224, 242
RGB Percent	89%, 88%, 95%
CMY	0.1059, 0.1215, 0.0510
CMYK	0.06, 0.07, 0.00, 0.05
HSL	253°, 41%, 91%
HSV	253°, 7%, 95%
XYZ	74.6776, 76.2161, 94.7796
YIQ	227.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

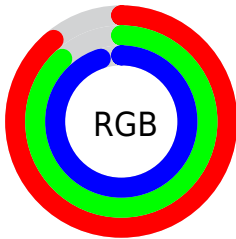
Format	Color
R _Y B	228, 224, 242
Decimal	14999794
CIE Lab	89.96, 4.65, -8.27
CIE LCh	90, 9.492, 299.351
Yxy	76.2161, 0.3040, 0.3102
Android (android.graphics.Color)	4293189874 (0xFFE4E0F2)
YUV	227.2480, 7.2727, 0.6595
Hunter-Lab	87.3018, -0.0901, -3.2572

Details

The XYZ color **74.6776, 76.2161, 94.7796** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.4693, 87.0652, 83.0888**, and the grayscale version is **73.1465, 76.9558, 83.8049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2845, 40.8053, 52.2074** is the 20% darker color. If you saturate the color by 10%, you get **62.9808, 61.2103, 92.5008**, and if you desaturate by 10%, it is **87.9548, 93.4149, 97.4007**.

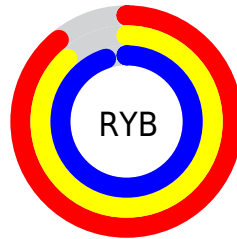
Distribution



Red (89%)

Green (88%)

Blue (95%)



Red (89%)

Yellow (88%)

Blue (95%)

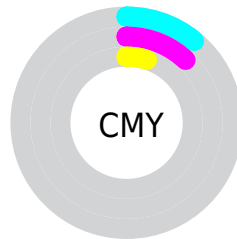


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6776, 76.2161, 94.7796 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 74.6776, 76.2161, 94.7796 by changing the saturation by 10% instead.

■ 74.6776, 76.2161,
94.7796

■ 74.6776, 76.2161,
94.7796

465.8230,
482.0871, 564.4255

■ 55.6421, 56.6097,
71.3557

124.8462,
128.0323, 155.9530

■ 40.1519, 40.6920,
52.1489

156.7100,
161.0110, 194.5396

■ 27.8417, 28.0785,
36.7407

193.5806,
199.2158, 239.0175

■ 18.3462, 18.3848,
24.7126

235.8234,
243.0313, 289.8053

■ 11.3000, 11.2266,
15.6460

283.8036,
292.8418, 347.3214

■ 6.3378, 6.2195,
9.1224

337.8867,

■ 3.0942, 2.9790,

349.0316, 411.9844

4.7232

398.4381,
411.9853, 484.2129

■ 1.2037, 1.1208,
2.0299

■ 0.1093, 0.0000,
0.5736

■ 74.6776, 76.2161,
94.7796

■ 74.6776, 76.2161,
94.7796

■ 62.9808, 61.2103,
92.5008

■ 87.9548, 93.4149,
97.4007

■ 52.7981, 48.2992,
90.5454

■ 93.0272, 99.1909,
98.2482

■ 44.0683, 37.3917,
88.9002

■ 36.7233, 28.3857,
87.5490

■ 30.6893, 21.1703,
86.4743

■ 25.8857, 15.6228,
85.6567

■ 22.2220, 11.6047,
85.0742

■ 19.5945, 8.9544,
84.7011

■ 17.8729, 7.4623,
84.5039

Harmonies

Analogous

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



72.3899, 76.2161, 96.6045



74.6776, 76.2161, 94.7796



76.3967, 76.2161, 89.7568

Triad

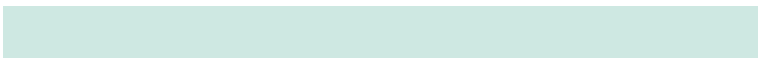
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6776, 76.2161, 94.7796



74.7681, 76.2161, 72.3481



68.0180, 76.2161, 82.8399

Complementary

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



74.6776, 76.2161, 94.7796



80.4693, 87.0652, 83.0888

Split Complementary

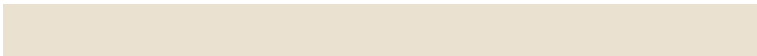
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6245, 76.2161, 76.5653



74.6776, 76.2161, 94.7796



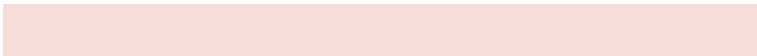
72.4923, 76.2161, 70.7122

Square

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



74.6776, 76.2161, 94.7796



76.4497, 76.2161, 76.8062



70.2497, 76.2161, 72.2144



68.5751, 76.2161, 89.4895

Rectangle

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



74.6776, 76.2161, 94.7796



76.9713, 76.2161, 85.3998



70.2497, 76.2161, 72.2144



68.0923, 76.2161, 80.6189

Sweetspot

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



74.6798, 76.2193, 94.7813



92.0000, 96.0444, 108.2972



77.3736, 83.4677, 96.0384



19.7238, 20.5989, 23.1864



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

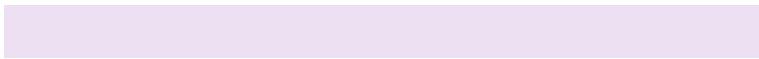
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6798, 76.2193, 94.7813



81.8948, 82.9912, 106.3103



77.5768, 77.7128, 94.9169



15.2255, 15.3980, 19.8912



9.5153, 3.9107, 45.3812



0.8744, 0.3680, 3.7792

Inverse Universe

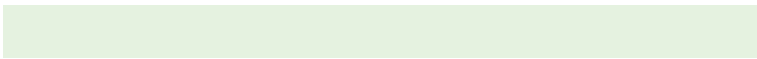
The Inverse Universe completely reimagines the original color for something new.



78.7088, 78.3650, 91.8701



87.3508, 85.8974, 102.3388



77.5542, 85.5624, 82.9524



16.2952, 15.9678, 19.1110



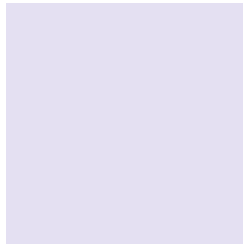
24.6162, 12.1189, 26.9589



2.0844, 1.0228, 2.4352

Previews

White Background



This preview shows how the XYZ color 74.6776, 76.2161, 94.7796 looks on a white background.

Color Contrast Check

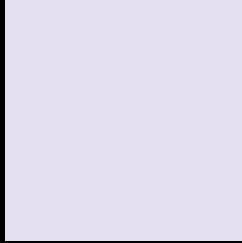
Large Text (above 18pt) WCAG AA × Fail

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 74.6776, 76.2161, 94.7796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

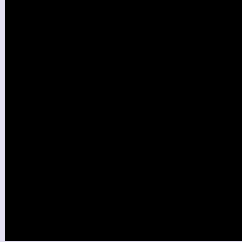
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6776, 76.2161, 94.7796

Background



This preview shows how black text looks on a background with the XYZ color 74.6776, 76.2161, 94.7796.



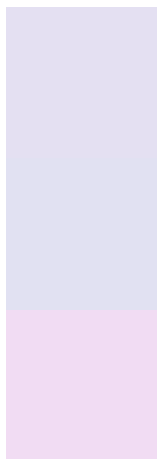
This preview shows how white text looks on a background with the XYZ color 74.6776, 76.2161,

94.7796.

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

74.6776, 76.2161, 94.7796

Protanopia

74.0036, 76.2688, 94.8253

Deuteranopia

78.0465, 76.3582, 95.4191



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

74.6776, 76.2161, 94.7796

Protanomaly

74.3163, 76.4300, 94.8400

Deuteranomaly

76.6262, 76.0168, 95.4281

Tritanomaly

74.6776, 76.2161, 94.7796

Monochromacy



Original Color

74.6776, 76.2161, 94.7796

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4404, 76.5498, 87.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6776, 76.2161, 94.7796 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, 224, 242) looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 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(228, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.6776, 76.2161, 94.7796 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, 224, 242) }
```


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

```
.border{ border-color:rgb(228, 224, 242) }
```

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

Here you see how a box with a 4 pixel rgb(228, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6776, 76.2161, 94.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 242) }
```

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

```
.background{ background-color: rgb(228,  
224, 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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