

Converting Colors

XYZ(74.5065, 75.3017, 96.1998)

Have a look what the booklet for
XYZ(74.5065, 75.3017, 96.1998)
contains.

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Color

**XYZ(74.4453, 75.2682,
96.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DEF4
RGB	228, 222, 244
RGB Percent	89%, 87%, 96%
CMY	0.1059, 0.1294, 0.0431
CMYK	0.07, 0.09, 0.00, 0.04
HSL	256°, 50%, 91%
HSV	256°, 9%, 96%
XYZ	74.4453, 75.2682, 96.1925
YIQ	226.3020, -3.4860, 8.1140

Conversions

Conversions Part 2

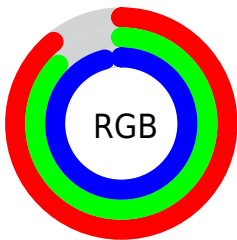
Format	Color
R _Y B	228, 222, 244
Decimal	14999284
CIE Lab	89.52, 6.08, -9.98
CIE LCh	90, 11.682, 301.334
Yxy	75.2682, 0.3027, 0.3061
Android (android.graphics.Color)	4293189364 (0xFFE4DEF4)
YUV	226.3020, 8.7251, 1.4891
Hunter-Lab	86.7572, 1.3434, -5.0080

Details

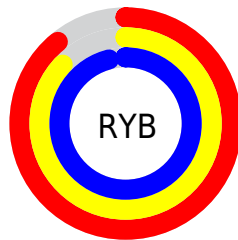
The XYZ color **74.4453, 75.2682, 96.1925** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.7982, 88.1545, 81.8680**, and the grayscale version is **72.4497, 76.2228, 83.0066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1294, 40.1525, 53.2121** is the 20% darker color. If you saturate the color by 10%, you get **63.0839, 60.4785, 93.9378**, and if you desaturate by 10%, it is **87.3270, 92.2379, 98.7902**.

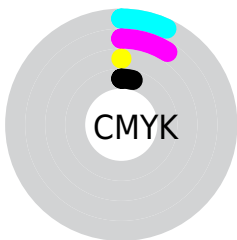
Distribution



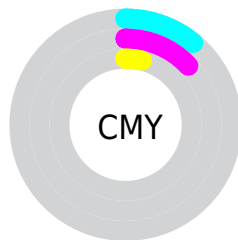
- Red (89%)
- Green (87%)
- Blue (96%)



- Red (89%)
- Yellow (87%)
- Blue (96%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4453, 75.2682, 96.1925 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 74.4453, 75.2682, 96.1925 by changing the saturation by 10% instead.

74.4453, 75.2682,
96.1925

74.4453, 75.2682,
96.1925

465.0354,
478.8389, 569.0572

55.4511, 55.8326,
72.5255

124.5190,
126.6919, 157.9208

39.9983, 40.0688,
53.0986

156.3292,
159.4489, 196.8192

27.7214, 27.5922,
37.4932

193.1421,
197.4151, 241.6318

18.2552, 18.0184,
25.2908

235.3232,
240.9750, 292.7772

11.2341, 10.9632,
16.0729

283.2377,
290.5129, 350.6739

6.2930, 6.0421,
9.4208

337.2510,

3.0664, 2.8707,

346.4133, 415.7404

4.9161

397.7285,
409.0605, 488.3953

■ 1.1890, 1.0646,
2.1403

■ 0.0976, 0.0000,
0.6396

■ 74.4453, 75.2682,
96.1925

■ 74.4453, 75.2682,
96.1925

■ 63.0839, 60.4785,
93.9378

■ 87.3270, 92.2379,
98.7902

■ 53.1786, 47.7701,
92.0069

■ 93.3294, 99.3117,
99.8392

■ 44.6706, 37.0508,
90.3862

■ 37.4941, 28.2176,
89.0595

■ 31.5779, 21.1583,
88.0088

■ 26.8437, 15.7483,
87.2140

■ 23.2036, 11.8462,
86.6527

■ 20.5560, 9.2858,
86.2980

■ 18.7580, 7.8225,
86.1104

Harmonies

Analogous

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



71.6686, 75.2682, 98.7726



74.4453, 75.2682, 96.1925



76.4869, 75.2682, 89.7634

Triad

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



74.4453, 75.2682, 96.1925



74.2173, 75.2682, 68.8676



66.1694, 75.2682, 82.3223

Complementary

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



74.4453, 75.2682, 96.1925



80.7982, 88.1545, 81.8680

Split Complementary

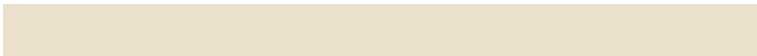
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8114, 75.2682, 74.6117



74.4453, 75.2682, 96.1925



71.4119, 75.2682, 67.1624

Square

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



74.4453, 75.2682, 96.1925



76.3528, 75.2682, 74.0154



68.7116, 75.2682, 69.1953



66.9341, 75.2682, 90.4414

Rectangle

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



74.4453, 75.2682, 96.1925



77.1294, 75.2682, 84.3562



68.7116, 75.2682, 69.1953



66.2277, 75.2682, 79.5984

Sweetspot

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



74.4475, 75.2714, 96.1942



90.6402, 94.1757, 108.0082



77.0693, 83.2904, 97.6038



19.1541, 19.8324, 23.0684



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.



74.4475, 75.2714, 96.1942



79.6334, 79.7244, 105.7990



78.0045, 77.1051, 96.3606



16.0051, 16.1453, 20.8154



10.2314, 4.2488, 46.8189



0.9939, 0.4222, 4.1193

Inverse Universe

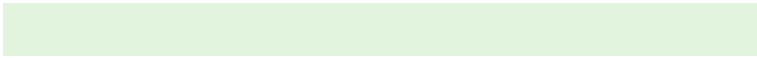
The Inverse Universe completely reimagines the original color for something new.



78.8648, 77.6521, 91.7245



85.5385, 82.9081, 99.7762



77.2587, 86.3298, 81.7023



17.0096, 16.6867, 19.7970



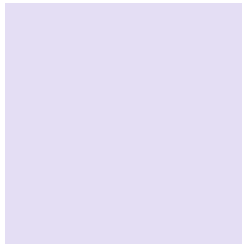
24.6878, 12.2185, 24.1280



2.2128, 1.0911, 2.3470

Previews

White Background



This preview shows how the XYZ color 74.4453, 75.2682, 96.1925 looks on a white background.

Color Contrast Check

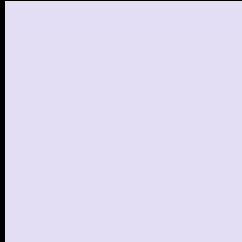
Large Text (above 18pt) WCAG AA × Fail

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 74.4453, 75.2682, 96.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

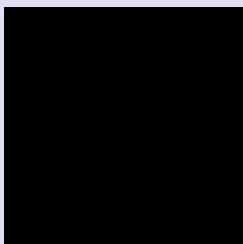
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4453, 75.2682, 96.1925

Background



This preview shows how black text looks on a background with the XYZ color 74.4453, 75.2682, 96.1925.



This preview shows how white text looks on a background with the XYZ color 74.4453, 75.2682,

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

74.4453, 75.2682, 96.1925

Protanopia

73.3005, 75.0559, 97.0101

Deuteranopia

77.0728, 75.4328, 96.8840



Tritanopia

73.7944, 75.3975, 93.1019

Trichromacy



Original Color

74.4453, 75.2682, 96.1925

Protanomaly

73.9204, 75.3755, 97.0391

Deuteranomaly

76.0063, 75.2714, 96.9091

Tritanomaly

73.9434, 75.4571, 93.8865

Monochromacy



Original Color

74.4453, 75.2682, 96.1925

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3117, 76.0645, 87.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4453, 75.2682, 96.1925 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, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 244)  
}
```

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, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 244) }
```

Border

The CSS property to change the border of an element to XYZ 74.4453, 75.2682, 96.1925 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, 222, 244) }
```


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

```
.border{ border-color:rgb(228, 222, 244) }
```

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

Here you see how a box with a 4 pixel rgb(228, 222, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4453, 75.2682, 96.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 244) }
```

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

```
.background{ background-color: rgb(228,  
222, 244) }
```

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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