

Converting Colors

XYZ(74.7280, 74.4832, 96.5860)

Have a look what the booklet for
XYZ(74.7280, 74.4832, 96.5860)
contains.

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Color

**XYZ(74.7078, 74.6020,
96.8483)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DCF5
RGB	230, 220, 245
RGB Percent	90%, 86%, 96%
CMY	0.0980, 0.1372, 0.0392
CMYK	0.06, 0.10, 0.00, 0.04
HSL	264°, 56%, 91%
HSV	264°, 10%, 96%
XYZ	74.7078, 74.6020, 96.8483
YIQ	225.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

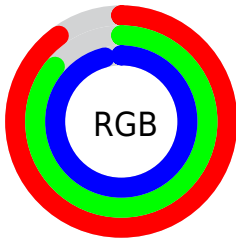
Format	Color
R _Y B	230, 220, 245
Decimal	15129845
CIE Lab	89.21, 7.96, -10.95
CIE LCh	89, 13.540, 306.017
Yxy	74.6020, 0.3035, 0.3031
Android (android.graphics.Color)	4293319925 (0xFFE6DCF5)
YUV	225.8400, 9.4459, 3.6483
Hunter-Lab	86.3724, 3.2417, -6.0204

Details

The XYZ color **74.7078, 74.6020, 96.8483** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8343, 88.1362, 80.5181**, and the grayscale version is **72.1101, 75.8654, 82.6175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0960, 39.5831, 53.6711** is the 20% darker color. If you saturate the color by 10%, you get **64.2227, 60.3422, 94.6496**, and if you desaturate by 10%, it is **86.5376, 90.9579, 99.3829**.

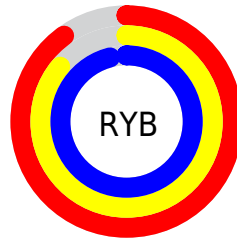
Distribution



Red (90%)

Green (86%)

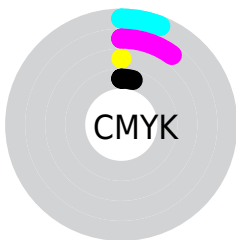
Blue (96%)



Red (90%)

Yellow (86%)

Blue (96%)

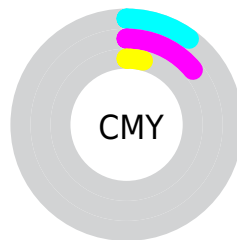


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7078, 74.6020, 96.8483 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 74.7078, 74.6020, 96.8483 by changing the saturation by 10% instead.

74.7078, 74.6020,
96.8483

74.7078, 74.6020,
96.8483

465.9253,
476.5485, 571.2001

55.6669, 55.2869,
73.0689

124.8888,
125.7488, 158.8331

40.1718, 39.6315,
53.5401

156.7595,
158.3493, 197.8756

27.8574, 27.2513,
37.8435

193.6376,
196.1471, 242.8429

18.3581, 17.7621,
25.5603

235.8884,
239.5265, 294.1535

11.3086, 10.7793,
16.2722

283.8772,
288.8719, 352.2260

6.3436, 5.9186,
9.5605

337.9694,

3.0978, 2.7957,

344.5678, 417.4789

5.0068

398.5303,
406.9985, 490.3308

■ 1.2057, 1.0260,
2.1924

■ 0.1108, 0.0000,
0.6700

■ 74.7078, 74.6020,
96.8483

■ 74.7078, 74.6020,
96.8483

■ 64.2227, 60.3422,
94.6496

■ 86.5376, 90.9579,
99.3829

■ 55.0251, 48.0823,
92.7680

■ 93.4816, 99.3727,
100.6412

■ 47.0631, 37.7326,
91.1900

■ 40.2788, 29.1927,
89.8992

■ 34.6090, 22.3528,
88.8778

■ 29.9840, 17.0907,
88.1058

■ 26.3250, 13.2669,
87.5606

■ 23.5399, 10.7163,
87.2151

■ 21.5168, 9.1884,
87.0268

Harmonies

Analogous

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



71.5748, 74.6020, 100.6953



74.7078, 74.6020, 96.8483



76.8699, 74.6020, 88.8493

Triad

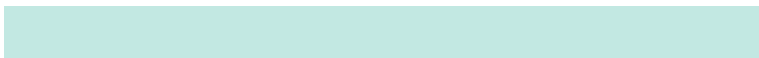
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7078, 74.6020, 96.8483



73.5201, 74.6020, 65.7167



64.7761, 74.6020, 83.1506

Complementary

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



74.7078, 74.6020, 96.8483



79.8343, 88.1362, 80.5181

Split Complementary

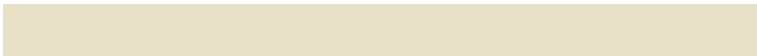
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.2606, 74.6020, 74.0572



74.7078, 74.6020, 96.8483



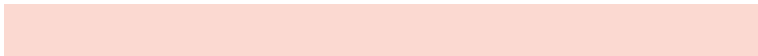
70.2433, 74.6020, 64.4484

Square

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



74.7078, 74.6020, 96.8483



76.1695, 74.6020, 70.9951



67.2373, 74.6020, 67.3862



65.8926, 74.6020, 92.4017

Rectangle

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



74.7078, 74.6020, 96.8483



77.4338, 74.6020, 82.4990



67.2373, 74.6020, 67.3862



64.7576, 74.6020, 79.9719

Sweetspot

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



74.7100, 74.6052, 96.8499



90.9891, 94.3555, 108.0245



75.8271, 81.4663, 98.1154



19.2481, 19.8808, 23.0728



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.



74.7100, 74.6052, 96.8499



79.6175, 78.6888, 105.5999



78.7234, 76.6742, 97.0378



16.2084, 16.2501, 20.8249



11.7375, 5.0252, 46.8894



1.1442, 0.4997, 4.1264

Inverse Universe

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



78.2474, 76.6004, 89.2621



84.1450, 81.2433, 95.8524



75.9791, 86.1488, 80.3377



16.9167, 16.6495, 19.3078



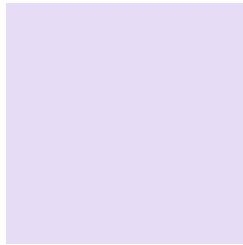
23.1943, 11.6212, 16.2634



2.0892, 1.0417, 1.6962

Previews

White Background



This preview shows how the XYZ color 74.7078, 74.6020, 96.8483 looks on a white background.

Color Contrast Check

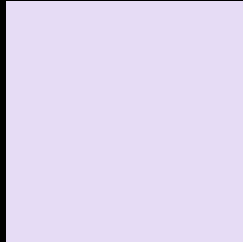
Large Text (above 18pt) WCAG AA × Fail

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 74.7078, 74.6020, 96.8483 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 74.7078, 74.6020, 96.8483

Background



This preview shows how black text looks on a background with the XYZ color 74.7078, 74.6020, 96.8483.

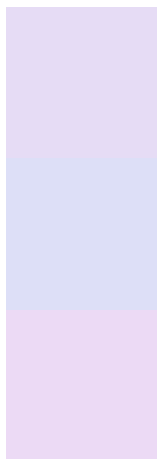


This preview shows how white text looks on a background with the XYZ color 74.7078, 74.6020,

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

74.7078, 74.6020, 96.8483

Protanopia

72.9950, 74.8629, 98.5984

Deuteranopia

76.1449, 74.5682, 96.7660



Tritanopia

73.7495, 74.6029, 92.1741

Trichromacy



Original Color

74.7078, 74.6020, 96.8483

Protanomaly

73.4963, 74.7437, 97.7421

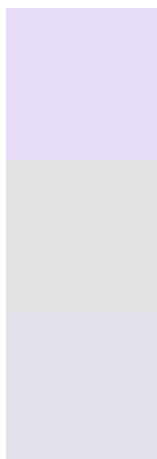
Deuteranomaly

75.7446, 74.7480, 96.8218

Tritanomaly

74.0467, 74.7218, 93.7392

Monochromacy



Original Color

74.7078, 74.6020, 96.8483

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.0422, 75.5254, 87.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7078, 74.6020, 96.8483 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(230, 220, 245) looks like.

```
.text, #text, p{  
    color:rgb(230, 220, 245)  
}
```

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(230, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 220, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.7078, 74.6020, 96.8483 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(230, 220, 245) }
```


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

```
.border{ border-color:rgb(230, 220, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 220, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(230, 220,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7078, 74.6020, 96.8483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 220, 245) }
```

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

```
.background{ background-color: rgb(230,  
220, 245) }
```

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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