

Converting Colors

XYZ(74.3483, 75.8949, 97.2677)

Have a look what the booklet for
XYZ(74.3483, 75.8949, 97.2677)
contains.

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Color

**XYZ(74.5011, 76.0726,
97.1431)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0F5
RGB	226, 224, 245
RGB Percent	89%, 88%, 96%
CMY	0.1137, 0.1215, 0.0392
CMYK	0.08, 0.09, 0.00, 0.04
HSL	246°, 51%, 92%
HSV	246°, 9%, 96%
XYZ	74.5011, 76.0726, 97.1431
YIQ	226.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

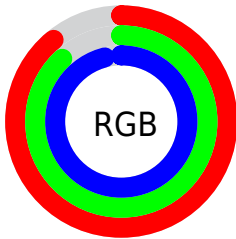
Format	Color
R _Y B	226, 224, 245
Decimal	14868725
CIE Lab	89.89, 4.58, -9.96
CIE LCh	90, 10.963, 294.668
Yxy	76.0726, 0.3008, 0.3071
Android (android.graphics.Color)	4293058805 (0xFFE2E0F5)
YUV	226.9920, 8.8779, -0.8700
Hunter-Lab	87.2196, -0.1635, -4.9820

Details

The XYZ color **74.5011, 76.0726, 97.1431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.0719, 89.7434, 83.4685**, and the grayscale version is **72.9501, 76.7492, 83.5799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1679, 40.7080, 53.8845** is the 20% darker color. If you saturate the color by 10%, you get **61.8772, 60.4859, 94.8011**, and if you desaturate by 10%, it is **88.9771, 94.0266, 99.8468**.

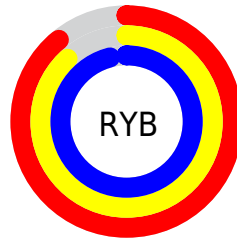
Distribution



Red (89%)

Green (88%)

Blue (96%)



Red (89%)

Yellow (88%)

Blue (96%)

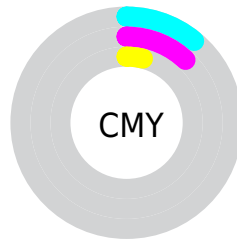


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5011, 76.0726, 97.1431 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 74.5011, 76.0726, 97.1431 by changing the saturation by 10% instead.

■ 74.5011, 76.0726,
97.1431

■ 74.5011, 76.0726,
97.1431

465.2247,
481.5962, 572.1620

■ 55.4970, 56.4920,
73.3133

124.5976,
127.8295, 159.2430

■ 40.0352, 40.5976,
53.7388

156.4207,
160.7747, 198.3502

■ 27.7503, 28.0048,
38.0011

193.2475,
198.9435, 243.3869

■ 18.2770, 18.3292,
25.6817

235.4434,
242.7204, 294.7716

■ 11.2499, 11.1866,
16.3620

283.3737,
292.4897, 352.9230

■ 6.3037, 6.1925,
9.6236

337.4038,

■ 3.0730, 2.9625,

348.6358, 418.2595

5.0478

397.8990,
411.5432, 491.1996

■ 1.1925, 1.1122,
2.2161

■ 0.1004, 0.0000,
0.6836

■ 74.5011, 76.0726,
97.1431

■ 74.5011, 76.0726,
97.1431

■ 61.8772, 60.4859,
94.8011

■ 88.9771, 94.0266,
99.8468

■ 51.0241, 47.1584,
92.8006

■ 93.4817, 99.3727,
100.6413

■ 41.8644, 35.9881,
91.1273

■ 34.3124, 26.8611,
89.7637

■ 28.2746, 19.6534,
88.6907

■ 23.6481, 14.2272,
87.8872

■ 20.3169, 10.4263,
87.3291

■ 18.1464, 8.0674,
86.9882

■ 16.9578, 6.8946,
86.8244

Harmonies

Analogous

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



71.8217, 76.0726, 98.5929



74.5011, 76.0726, 97.1431



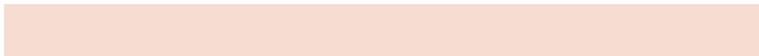
76.6390, 76.0726, 91.7624

Triad

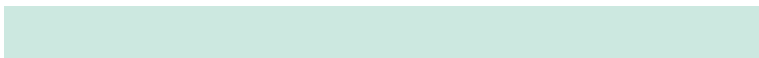
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5011, 76.0726, 97.1431



75.3598, 76.0726, 71.2437



67.2402, 76.0726, 81.4513

Complementary

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



74.5011, 76.0726, 97.1431



83.0719, 89.7434, 83.4685

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.



68.1370, 76.0726, 74.4972



74.5011, 76.0726, 97.1431



72.7899, 76.0726, 68.8439

Square

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



74.5011, 76.0726, 97.1431



77.1434, 76.0726, 76.7573



70.1519, 76.0726, 69.9970



67.6727, 76.0726, 89.2151

Rectangle

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



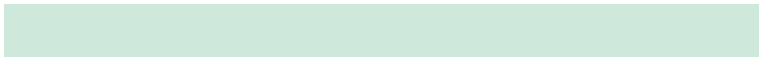
74.5011, 76.0726, 97.1431



77.4467, 76.0726, 86.8384



70.1519, 76.0726, 69.9970



67.3955, 76.0726, 78.9471

Sweetspot

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



74.5033, 76.0758, 97.1448



90.1568, 93.9264, 107.9856



79.3497, 86.6928, 98.9386



19.0241, 19.7654, 23.0624



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.



74.5033, 76.0758, 97.1448



79.4622, 80.6790, 105.9922



77.8149, 77.7830, 97.2998



15.7273, 16.0021, 20.8024



9.1228, 3.6773, 46.7670



0.8502, 0.3481, 4.1126

Inverse Universe

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



80.4921, 79.1982, 95.8422



87.0598, 84.6405, 104.3226



79.6320, 87.9700, 83.3075



17.1417, 16.7395, 20.4927



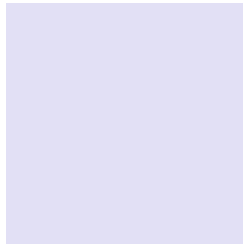
27.3958, 13.3017, 38.3881



2.4272, 1.1769, 3.4761

Previews

White Background



This preview shows how the XYZ color 74.5011, 76.0726, 97.1431 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 74.5011, 76.0726, 97.1431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

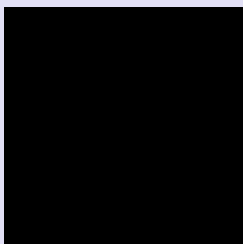
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5011, 76.0726, 97.1431

Background



This preview shows how black text looks on a background with the XYZ color 74.5011, 76.0726, 97.1431.

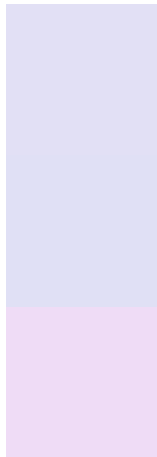


This preview shows how white text looks on a background with the XYZ color 74.5011, 76.0726,

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

74.5011, 76.0726, 97.1431

Protanopia

73.8776, 75.7512, 97.1139

Deuteranopia

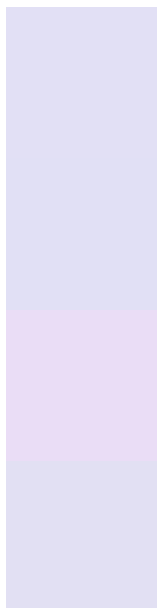
77.8244, 76.1909, 97.7933



Tritanopia

74.0467, 75.8909, 94.7501

Trichromacy



Original Color

74.5011, 76.0726, 97.1431

Protanomaly

74.1884, 75.9114, 97.1284

Deuteranomaly

76.4227, 75.8591, 97.8031

Tritanomaly

74.1973, 75.9511, 95.5434

Monochromacy



Original Color

74.5011, 76.0726, 97.1431

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7262, 76.6641, 88.7538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5011, 76.0726, 97.1431 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(226, 224, 245) looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 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(226, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.5011, 76.0726, 97.1431 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(226, 224, 245) }
```


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

```
.border{ border-color:rgb(226, 224, 245) }
```

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

Here you see how a box with a 4 pixel rgb(226, 224, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5011, 76.0726, 97.1431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 245) }
```

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

```
.background{ background-color: rgb(226,  
224, 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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