

Converting Colors

XYZ(74.6313, 76.3034, 96.6920)

Have a look what the booklet for
XYZ(74.6313, 76.3034, 96.6920)
contains.

| | |
|--|----|
| XYZ(74.3488, 76.0117, 96.3411) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(74.3488, 76.0117,
96.3411)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E2E0F4 |
| RGB | 226, 224, 244 |
| RGB Percent | 89%, 88%, 96% |
| CMY | 0.1137, 0.1215, 0.0431 |
| CMYK | 0.07, 0.08, 0.00, 0.04 |
| HSL | 246°, 48%, 92% |
| HSV | 246°, 8%, 96% |
| XYZ | 74.3488, 76.0117, 96.3411 |
| YIQ | 226.8780, -5.2280, 6.6440 |

Conversions

Conversions Part 2

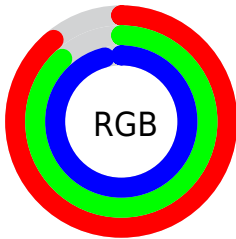
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 224, 244 |
| Decimal | 14868724 |
| CIE Lab | 89.86, 4.38, -9.48 |
| CIE LCh | 90, 10.444, 294.813 |
| Yxy | 76.0117, 0.3014, 0.3081 |
| Android (android.graphics.Color) | 4293058804 (0xFFE2E0F4) |
| YUV | 226.8780, 8.4411, -0.7700 |
| Hunter-Lab | 87.1847, -0.3531, -4.4875 |

Details

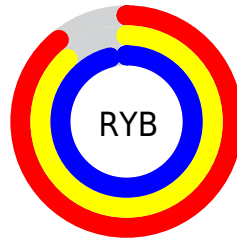
The XYZ color **74.3488, 76.0117, 96.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.4260, 88.9625, 83.3519**, and the grayscale version is **72.8702, 76.6651, 83.4883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0597, 40.6647, 53.3147** is the 20% darker color. If you saturate the color by 10%, you get **61.8046, 60.5003, 94.0094**, and if you desaturate by 10%, it is **88.7208, 93.8663, 99.0311**.

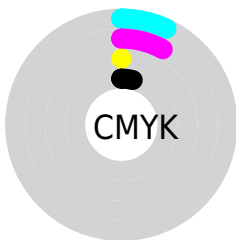
Distribution



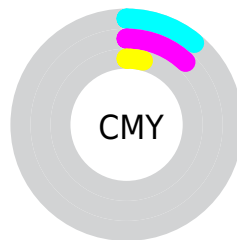
- Red (89%)
- Green (88%)
- Blue (96%)



- Red (89%)
- Yellow (88%)
- Blue (96%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3488, 76.0117, 96.3411 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 74.3488, 76.0117, 96.3411 by changing the saturation by 10% instead.

■ 74.3488, 76.0117,
96.3411

■ 74.3488, 76.0117,
96.3411

464.7081,
481.3877, 569.5432

■ 55.3719, 56.4421,
72.6486

124.3830,
127.7434, 158.1276

■ 39.9345, 40.5575,
53.1986

156.1709,
160.6744, 197.0587

■ 27.6715, 27.9735,
37.5726

192.9599,
198.8279, 241.9064

■ 18.2174, 18.3057,
25.3519

235.1153,
242.5884, 293.0892

■ 11.2068, 11.1697,
16.1180

283.0025,
292.3402, 351.0258

■ 6.2744, 6.1811,
9.4524

336.9868,

■ 3.0549, 2.9555,

348.4678, 416.1346

4.9366

397.4335,
411.3555, 488.8342

■ 1.1829, 1.1085,
2.1520

■ 0.0928, 0.0000,
0.6465

■ 74.3488, 76.0117,
96.3411

■ 74.3488, 76.0117,
96.3411

■ 61.8046, 60.5003,
94.0094

■ 88.7208, 93.8663,
99.0311

■ 51.0082, 47.2257,
92.0162

■ 93.3294, 99.3117,
99.8392

■ 41.8839, 36.0871,
90.3471

■ 34.3476, 26.9729,
88.9851

■ 28.3080, 19.7609,
87.9114

■ 23.6643, 14.3157,
87.1051

■ 20.3034, 10.4842,
86.5427

■ 18.0938, 8.0864,
86.1963

■ 16.8651, 6.8789,
86.0280

Harmonies

Analogous

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



71.7993, 76.0117, 97.7348



74.3488, 76.0117, 96.3411



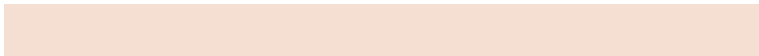
76.3776, 76.0117, 91.2237

Triad

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



74.3488, 76.0117, 96.3411



75.1434, 76.0117, 71.6868



67.4181, 76.0117, 81.4861

Complementary

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



74.3488, 76.0117, 96.3411



82.4260, 88.9625, 83.3519

Split Complementary

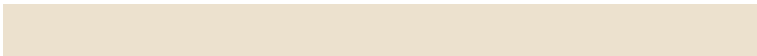
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2678, 76.0117, 74.8438



74.3488, 76.0117, 96.3411



72.6962, 76.0117, 69.4055

Square

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



74.3488, 76.0117, 96.3411



76.8439, 76.0117, 76.9435



70.1849, 76.0117, 70.5261



67.8369, 76.0117, 88.8705

Rectangle

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



74.3488, 76.0117, 96.3411



77.1410, 76.0117, 86.5417



70.1849, 76.0117, 70.5261



67.5642, 76.0117, 79.0975

Sweetspot

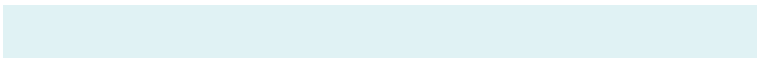
The Sweet Spot groups the original color and five complimentary colors.



74.3510, 76.0149, 96.3428



91.7757, 95.9288, 108.2867



78.9234, 86.0838, 98.0453



19.6781, 20.5753, 23.1842



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.



74.3510, 76.0149, 96.3428



79.5016, 80.6993, 105.9941



77.4689, 77.6222, 96.4887



15.7346, 16.0059, 20.8027



9.1395, 3.6859, 46.7678



0.8537, 0.3499, 4.1128

Inverse Universe

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



79.9936, 78.9586, 95.0327



87.0406, 84.6328, 104.2212



79.1946, 87.2966, 83.2007



17.1381, 16.7381, 20.4739



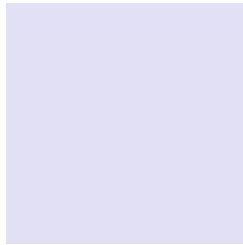
27.3134, 13.2688, 37.9542



2.4208, 1.1743, 3.4424

Previews

White Background



This preview shows how the XYZ color 74.3488, 76.0117, 96.3411 looks on a white background.

Color Contrast Check

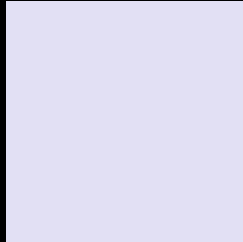
Large Text (above 18pt) WCAG AA × Fail

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 74.3488, 76.0117, 96.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

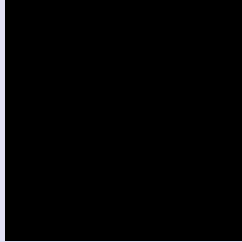
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3488, 76.0117, 96.3411

Background



This preview shows how black text looks on a background with the XYZ color 74.3488, 76.0117, 96.3411.

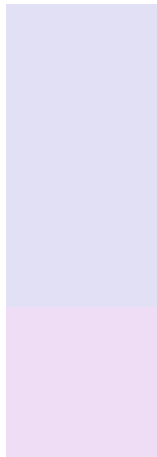


This preview shows how white text looks on a background with the XYZ color 74.3488, 76.0117,

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

74.3488, 76.0117, 96.3411

Protanopia

74.0361, 75.8505, 96.3264

Deuteranopia

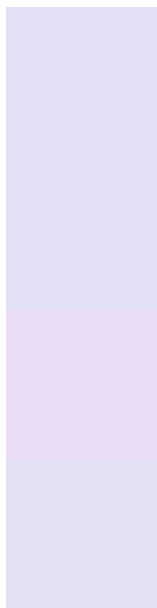
77.6712, 76.1297, 96.9870



Tritanopia

74.0467, 75.8909, 94.7501

Trichromacy



Original Color

74.3488, 76.0117, 96.3411

Protanomaly

74.0361, 75.8505, 96.3264

Deuteranomaly

76.2696, 75.7979, 96.9968

Tritanomaly

74.1973, 75.9511, 95.5434

Monochromacy



Original Color

74.3488, 76.0117, 96.3411

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5829, 76.6068, 87.9992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3488, 76.0117, 96.3411 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, 244) looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 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(226, 224, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 244) }
```

Border

The CSS property to change the border of an element to XYZ 74.3488, 76.0117, 96.3411 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, 244) }
```


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

```
.border{ border-color:rgb(226, 224, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 244);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3488, 76.0117, 96.3411 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, 244) }
```

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

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