

Converting Colors

XYZ(74.2846, 76.3034, 95.3991)

Have a look what the booklet for
XYZ(74.2846, 76.3034, 95.3991)
contains.

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Color

**XYZ(74.4669, 76.4902,
95.6333)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1F3
RGB	226, 225, 243
RGB Percent	89%, 88%, 95%
CMY	0.1137, 0.1176, 0.0471
CMYK	0.07, 0.07, 0.00, 0.05
HSL	243°, 43%, 92%
HSV	243°, 7%, 95%
XYZ	74.4669, 76.4902, 95.6333
YIQ	227.3510, -5.1820, 5.8100

Conversions

Conversions Part 2

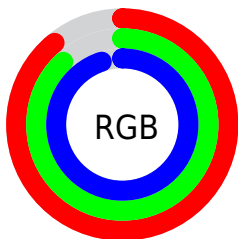
Format	Color
R _Y B	226, 225, 243
Decimal	14868979
CIE Lab	90.09, 3.67, -8.63
CIE LCh	90, 9.375, 293.054
Yxy	76.4902, 0.3020, 0.3102
Android (android.graphics.Color)	4293059059 (0xFFE2E1F3)
YUV	227.3510, 7.7150, -1.1848
Hunter-Lab	87.4587, -1.0684, -3.6107

Details

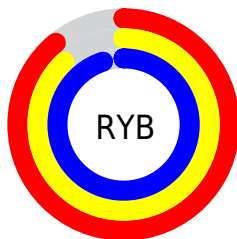
The XYZ color **74.4669, 76.4902, 95.6333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.2619, 88.4167, 83.9683**, and the grayscale version is **73.2193, 77.0324, 83.8882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1390, 40.9952, 52.8110** is the 20% darker color. If you saturate the color by 10%, you get **61.6374, 60.8103, 93.2841**, and if you desaturate by 10%, it is **89.1993, 94.5431, 98.3426**.

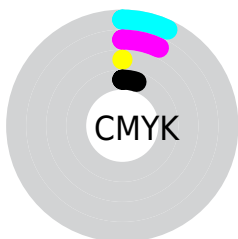
Distribution



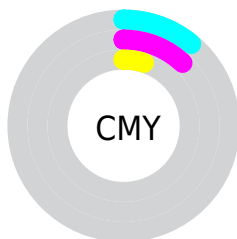
- Red (89%)
- Green (88%)
- Blue (95%)



- Red (89%)
- Yellow (88%)
- Blue (95%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4669, 76.4902, 95.6333 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 74.4669, 76.4902, 95.6333 by changing the saturation by 10% instead.

■ 74.4669, 76.4902,
95.6333

■ 74.4669, 76.4902,
95.6333

465.1087,
483.0241, 567.2265

■ 55.4689, 56.8346,
72.0624

124.5494,
128.4196, 157.1423

■ 40.0126, 40.8724,
52.7225

156.3646,
161.4621, 195.9175

■ 27.7326, 28.2194,
37.1951

193.1829,
199.7358, 240.5979

■ 18.2636, 18.4911,
25.0616

235.3697,
243.6249, 291.6020

■ 11.2403, 11.3032,
15.9035

283.2903,
293.5139, 349.3484

■ 6.2972, 6.2711,
9.3023

337.3101,

■ 3.0690, 3.0106,

349.7872, 414.2556

4.8394

397.7945,
412.8291, 486.7421

■ 1.1903, 1.1373,
2.0962

■ 0.0987, 0.0096,
0.6135

■ 74.4669, 76.4902,
95.6333

■ 74.4669, 76.4902,
95.6333

■ 61.6374, 60.8103,
93.2841

■ 89.1993, 94.5431,
98.3426

■ 50.6269, 47.3954,
91.2751

■ 93.1779, 99.2512,
99.0416

■ 41.3550, 36.1438,
89.5920

■ 33.7327, 26.9421,
88.2177

■ 27.6631, 19.6668,
87.1333

■ 23.0394, 14.1809,
86.3181

■ 19.7409, 10.3293,
85.7485

■ 17.6276, 7.9306,
85.3969

■ 16.5230, 6.7507,
85.2274

Harmonies

Analogous

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



72.1622, 76.4902, 96.6554



74.4669, 76.4902, 95.6333



76.3344, 76.4902, 91.2220

Triad

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



74.4669, 76.4902, 95.6333



75.4227, 76.4902, 73.4631



68.3524, 76.4902, 81.7457

Complementary

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



74.4669, 76.4902, 95.6333



82.2619, 88.4167, 83.9683

Split Complementary

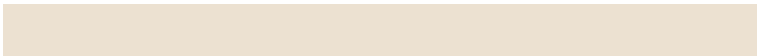
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1860, 76.4902, 75.8219



74.4669, 76.4902, 95.6333



73.2437, 76.4902, 71.2079

Square

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



74.4669, 76.4902, 95.6333



76.8944, 76.4902, 78.3696



70.9645, 76.4902, 72.0479



68.6642, 76.4902, 88.4014

Rectangle

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



74.4669, 76.4902, 95.6333



77.0637, 76.4902, 87.0736



70.9645, 76.4902, 72.0479



68.5074, 76.4902, 79.6076

Sweetspot

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



74.4691, 76.4934, 95.6350



91.6943, 95.8868, 108.2829



79.0132, 86.0444, 97.2390



19.6615, 20.5668, 23.1835



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.



74.4691, 76.4934, 95.6350



80.6299, 82.3391, 106.2511



77.3335, 77.9701, 95.7690



15.6661, 15.9705, 20.7995



9.0079, 3.6181, 46.7616



0.8210, 0.3331, 4.1113

Inverse Universe

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



79.9170, 79.3193, 95.1062



87.9567, 86.1398, 105.5292



79.2804, 86.8797, 83.8288



17.1717, 16.7515, 20.6505



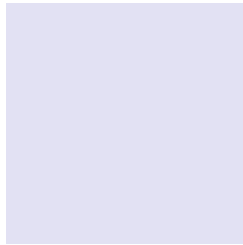
28.1067, 13.5861, 42.1320



2.4822, 1.1988, 3.7657

Previews

White Background



This preview shows how the XYZ color 74.4669, 76.4902, 95.6333 looks on a white background.

Color Contrast Check

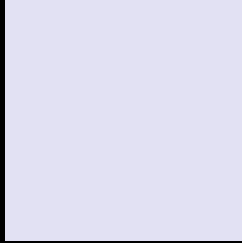
Large Text (above 18pt) WCAG AA × Fail

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 74.4669, 76.4902, 95.6333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

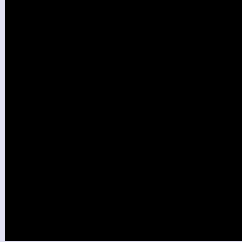
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4669, 76.4902, 95.6333

Background



This preview shows how black text looks on a background with the XYZ color 74.4669, 76.4902, 95.6333.



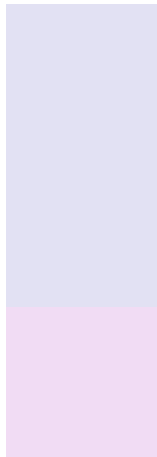
This preview shows how white text looks on a background with the XYZ color 74.4669, 76.4902,

95.6333.

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

74.4669, 76.4902, 95.6333

Protanopia

74.4669, 76.4902, 95.6333

Deuteranopia

78.1980, 76.4188, 96.2168



Tritanopia

74.4669, 76.4902, 95.6333

Trichromacy



Original Color

74.4669, 76.4902, 95.6333

Protanomaly

74.4669, 76.4902, 95.6333

Deuteranomaly

77.0425, 76.6071, 96.3140

Tritanomaly

74.4669, 76.4902, 95.6333

Monochromacy



Original Color

74.4669, 76.4902, 95.6333

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 74.4669, 76.4902, 95.6333 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, 225, 243) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 243)  
}
```

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, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.4669, 76.4902, 95.6333 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, 225, 243) }
```


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

```
.border{ border-color:rgb(226, 225, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 225, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 225, 243); box-shadow:4px 4px 4px 4px rgb(226, 225, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4669, 76.4902, 95.6333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 243) }
```

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

```
.background{ background-color: rgb(226,  
225, 243) }
```

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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