

Converting Colors

XYZ(73.9661, 75.7321, 92.1760)

Have a look what the booklet for
XYZ(73.9661, 75.7321, 92.1760)
contains.

XYZ(74.2306, 76.0373, 92.4256)	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(74.2306, 76.0373,
92.4256)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E0EF
RGB	228, 224, 239
RGB Percent	89%, 88%, 94%
CMY	0.1059, 0.1215, 0.0627
CMYK	0.05, 0.06, 0.00, 0.06
HSL	256°, 32%, 91%
HSV	256°, 6%, 94%
XYZ	74.2306, 76.0373, 92.4256
YIQ	226.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

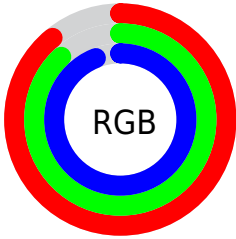
Format	Color
R_{YB}	228, 224, 239
Decimal	14999791
CIE _{Lab}	89.88, 4.09, -6.82
CIE _{LCh}	90, 7.953, 300.928
Yxy	76.0373, 0.3059, 0.3133
Android (android.graphics.Color)	4293189871 (0xFFE4E0EF)
YUV	226.9060, 5.9623, 0.9594
Hunter-Lab	87.1994, -0.6464, -1.8039

Details

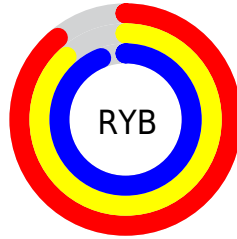
The XYZ color **74.2306, 76.0373, 92.4256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5847, 84.7789, 82.7469**, and the grayscale version is **72.9066, 76.7034, 83.5300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9688, 40.6791, 50.5450** is the 20% darker color. If you saturate the color by 10%, you get **62.9716, 61.3603, 90.1872**, and if you desaturate by 10%, it is **86.9607, 92.8171, 94.9946**.

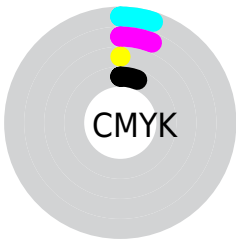
Distribution



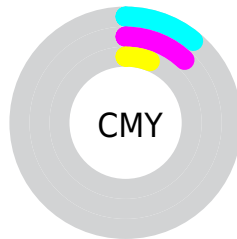
- Red (89%)
- Green (88%)
- Blue (94%)



- Red (89%)
- Yellow (88%)
- Blue (94%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2306, 76.0373, 92.4256 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 74.2306, 76.0373, 92.4256 by changing the saturation by 10% instead.

■ 74.2306, 76.0373,
92.4256

■ 74.2306, 76.0373,
92.4256

464.3069,
481.4754, 556.6625

■ 55.2747, 56.4631,
69.4092

124.2164,
127.7796, 152.6679

■ 39.8564, 40.5743,
50.5712

155.9770,
160.7165, 190.7309

■ 27.6103, 27.9866,
35.4931

192.7367,
198.8765, 234.6465

■ 18.1711, 18.3156,
23.7564

234.8606,
242.6438, 284.8333

■ 11.1733, 11.1768,
14.9425

282.7143,
292.4030, 341.7097

■ 6.2517, 6.1859,
8.6328

336.6630,

■ 3.0408, 2.9584,

348.5384, 405.6943

4.4090

397.0720,
411.4344, 477.2057

■ 1.1754, 1.1101,
1.8523

■ 0.0868, 0.0000,
0.4621

■ 74.2306, 76.0373,
92.4256

■ 74.2306, 76.0373,
92.4256

■ 62.9716, 61.3603,
90.1872

■ 86.9607, 92.8171,
94.9946

■ 53.1231, 48.6929,
88.2613

■ 92.5802, 99.0121,
95.8942

■ 44.6295, 37.9492,
86.6352

■ 37.4293, 29.0332,
85.2937

■ 31.4557, 21.8405,
84.2202

■ 26.6359, 16.2560,
83.3963

■ 22.8885, 12.1500,
82.8013

■ 20.1203, 9.3719,
82.4110

■ 18.2191, 7.7360,
82.1954

Harmonies

Analogous

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



72.3324, 76.0373, 94.0897



74.2306, 76.0373, 92.4256



75.6242, 76.0373, 88.1620

Triad

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



74.2306, 76.0373, 92.4256



74.1228, 76.0373, 73.6894



68.5586, 76.0373, 82.9671

Complementary

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



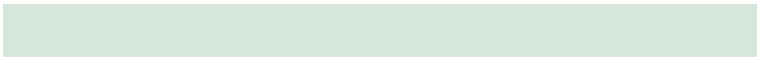
74.2306, 76.0373, 92.4256



78.5847, 84.7789, 82.7469

Split Complementary

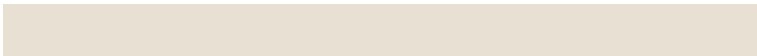
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0188, 76.0373, 77.6441



74.2306, 76.0373, 92.4256



72.2100, 76.0373, 72.4363

Square

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



74.2306, 76.0373, 92.4256



75.5611, 76.0373, 77.3536



70.3465, 76.0373, 73.8516



69.0781, 76.0373, 88.4789

Rectangle

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



74.2306, 76.0373, 92.4256



76.0670, 76.0373, 84.5097



70.3465, 76.0373, 73.8516



68.6038, 76.0373, 81.0971

Sweetspot

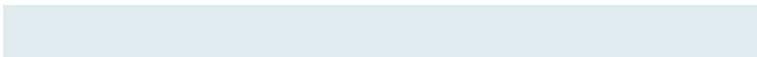
The Sweet Spot groups the original color and five complimentary colors.



74.2328, 76.0405, 92.4273



92.0817, 96.0865, 108.3011



76.1030, 81.6415, 93.4098



19.7404, 20.6075, 23.1872



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.



74.2328, 76.0405, 92.4273



83.5916, 84.9396, 106.5970



76.5816, 77.2514, 92.5372



15.2924, 15.4324, 19.8944



9.8732, 4.0952, 45.3980



0.9125, 0.3877, 3.7809

Inverse Universe

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



77.2502, 77.6636, 89.5199



88.0208, 87.3226, 102.2995



76.2392, 83.5698, 82.6371



16.2640, 15.9553, 18.9462



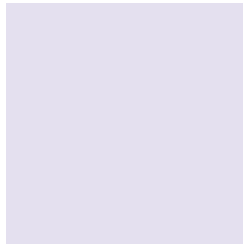
24.0213, 11.8809, 23.8265



2.0393, 1.0048, 2.1979

Previews

White Background



This preview shows how the XYZ color 74.2306, 76.0373, 92.4256 looks on a white background.

Color Contrast Check

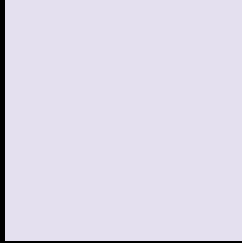
Large Text (above 18pt) WCAG AA × Fail

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 74.2306, 76.0373, 92.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

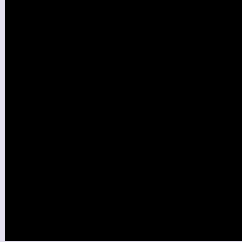
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

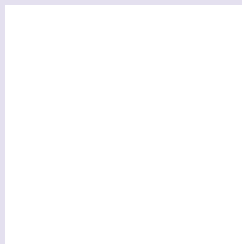
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2306, 76.0373, 92.4256

Background



This preview shows how black text looks on a background with the XYZ color 74.2306, 76.0373, 92.4256.



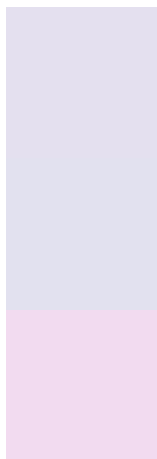
This preview shows how white text looks on a background with the XYZ color 74.2306, 76.0373,

92.4256.

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

74.2306, 76.0373, 92.4256

Protanopia

73.8692, 76.2512, 92.4860

Deuteranopia

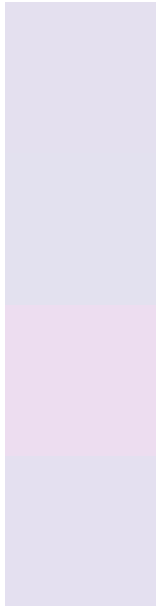
77.6776, 75.8316, 92.9810



Tritanopia

74.5277, 76.1562, 93.9907

Trichromacy



Original Color

74.2306, 76.0373, 92.4256

Protanomaly

74.1838, 76.4133, 92.5007

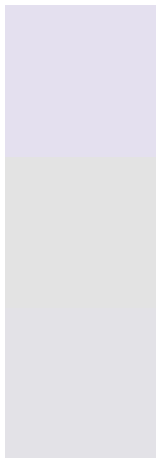
Deuteranomaly

76.5097, 76.0087, 93.0767

Tritanomaly

74.3787, 76.0966, 93.2060

Monochromacy



Original Color

74.2306, 76.0373, 92.4256

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2987, 76.4931, 86.5027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2306, 76.0373, 92.4256 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, 224, 239) looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 239)  
}
```

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, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.2306, 76.0373, 92.4256 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, 224, 239) }
```


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

```
.border{ border-color:rgb(228, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2306, 76.0373, 92.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 239) }
```

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

```
.background{ background-color: rgb(228,  
224, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor