

Converting Colors

XYZ(74.3249, 76.3034, 90.4416)

Have a look what the booklet for
XYZ(74.3249, 76.3034, 90.4416)
contains.

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Color

**XYZ(74.1091, 76.0255,
90.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E0EC
RGB	229, 224, 236
RGB Percent	90%, 88%, 93%
CMY	0.1020, 0.1215, 0.0745
CMYK	0.03, 0.05, 0.00, 0.07
HSL	265°, 24%, 90%
HSV	265°, 5%, 93%
XYZ	74.1091, 76.0255, 90.1253
YIQ	226.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

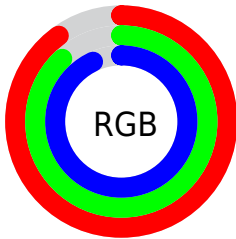
Format	Color
R _Y B	229, 224, 236
Decimal	15065324
CIE Lab	89.87, 3.86, -5.25
CIE LCh	90, 6.514, 306.336
Yxy	76.0255, 0.3085, 0.3164
Android (android.graphics.Color)	4293255404 (0xFFE5E0EC)
YUV	226.8630, 4.5045, 1.8741
Hunter-Lab	87.1926, -0.8715, -0.2494

Details

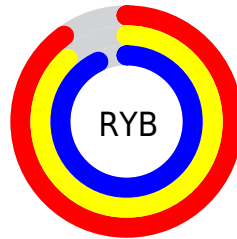
The XYZ color **74.1091, 76.0255, 90.1253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4079, 82.3637, 82.3955**, and the grayscale version is **72.8848, 76.6805, 83.5050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8817, 40.6699, 48.9281** is the 20% darker color. If you saturate the color by 10%, you get **63.9810, 62.0348, 87.9598**, and if you desaturate by 10%, it is **85.4705, 91.9630, 92.6039**.

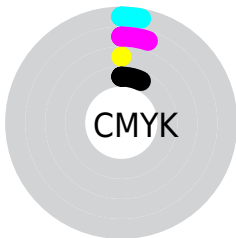
Distribution



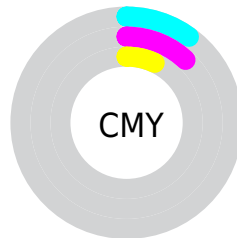
- Red (90%)
- Green (88%)
- Blue (93%)



- Red (90%)
- Yellow (88%)
- Blue (93%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1091, 76.0255, 90.1253 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 74.1091, 76.0255, 90.1253 by changing the saturation by 10% instead.

■ 74.1091, 76.0255,
90.1253

■ 74.1091, 76.0255,
90.1253

463.8943,
481.4350, 549.0190

■ 55.1749, 56.4534,
67.5103

124.0451,
127.7630, 149.4495

■ 39.7762, 40.5666,
49.0352

155.7777,
160.6971, 186.9957

■ 27.5475, 27.9806,
34.2816

192.5071,
198.8541, 230.3561

■ 18.1236, 18.3110,
22.8309

234.5987,
242.6183, 279.9491

■ 11.1390, 11.1735,
14.2646

282.4179,
292.3741, 336.1934

■ 6.2284, 6.1837,
8.1641

336.3300,

■ 3.0264, 2.9571,

348.5058, 399.5074

4.1108

396.7003,
411.3980, 470.3098

■ 1.1677, 1.1094,
1.6863

■ 0.0807, 0.0000,
0.3513

■ 74.1091, 76.0255,
90.1253

■ 74.1091, 76.0255,
90.1253

■ 63.9810, 62.0348,
87.9598

■ 85.4705, 91.9630,
92.6039

■ 55.0354, 49.9049,
86.0900

■ 92.1405, 98.8362,
93.5790

■ 47.2278, 39.5577,
84.5043

■ 40.5080, 30.9058,
83.1884

■ 34.8216, 23.8540,
82.1270

■ 30.1094, 18.2975,
81.3029

■ 26.3051, 14.1185,
80.6967

■ 23.3326, 11.1805,
80.2863

■ 21.1004, 9.3167,
80.0442

Harmonies

Analogous

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



72.6020, 76.0255, 91.9034



74.1091, 76.0255, 90.1253



75.1315, 76.0255, 86.3872

Triad

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



74.1091, 76.0255, 90.1253



73.5091, 76.0255, 74.9239



69.2277, 76.0255, 83.7608

Complementary

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



74.1091, 76.0255, 90.1253



76.4079, 82.3637, 82.3955

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.



69.4625, 76.0255, 79.2724



74.1091, 76.0255, 90.1253



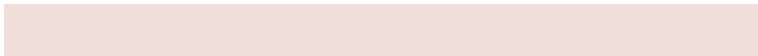
71.9190, 76.0255, 74.2792

Square

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



74.1091, 76.0255, 90.1253



74.7816, 76.0255, 77.6378



70.4418, 76.0255, 75.8429



69.7957, 76.0255, 88.1419

Rectangle

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



74.1091, 76.0255, 90.1253



75.3924, 76.0255, 83.3465



70.4418, 76.0255, 75.8429



69.2155, 76.0255, 82.2138

Sweetspot

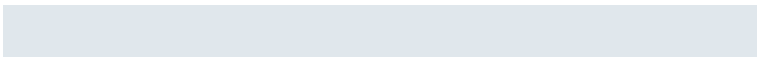
The Sweet Spot groups the original color and five complimentary colors.



74.1113, 76.0288, 90.1270



92.3581, 96.2290, 108.3140



74.5155, 79.1700, 90.7120



19.7967, 20.6365, 23.1898



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.



74.1113, 76.0288, 90.1270



87.1532, 88.9696, 107.1871



75.9932, 76.9989, 90.2150



15.4537, 15.7259, 19.1432



11.2791, 4.8505, 44.0847



0.9929, 0.4362, 3.4667

Inverse Universe

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



75.6742, 76.9172, 86.4633



89.3527, 90.2200, 102.0232



74.5665, 81.4144, 82.3094



15.8851, 15.9712, 18.1294



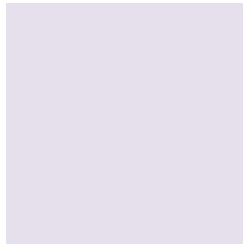
21.6509, 10.8630, 14.4947



1.7479, 0.8721, 1.3897

Previews

White Background



This preview shows how the XYZ color 74.1091, 76.0255, 90.1253 looks on a white background.

Color Contrast Check

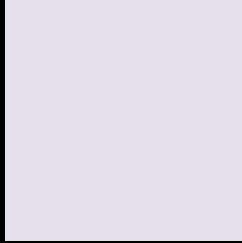
Large Text (above 18pt) WCAG AA × Fail

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 74.1091, 76.0255, 90.1253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

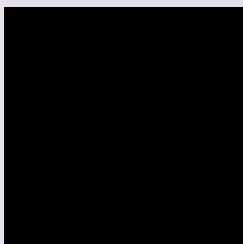
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

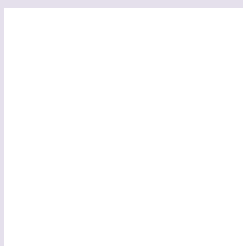
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1091, 76.0255, 90.1253

Background



This preview shows how black text looks on a background with the XYZ color 74.1091, 76.0255, 90.1253.



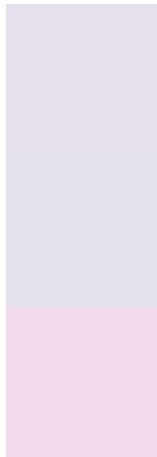
This preview shows how white text looks on a background with the XYZ color 74.1091, 76.0255,

90.1253.

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

74.1091, 76.0255, 90.1253

Protanopia

73.7441, 76.2374, 90.1854

Deuteranopia

77.5797, 75.8321, 90.6689



Tritanopia

74.8980, 75.9492, 93.9312

Trichromacy



Original Color

74.1091, 76.0255, 90.1253

Protanomaly

74.0604, 76.4005, 90.2003

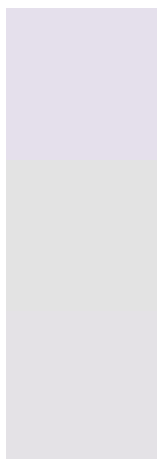
Deuteranomaly

76.4024, 76.0045, 90.7643

Tritanomaly

74.6008, 75.8303, 92.3662

Monochromacy



Original Color

74.1091, 76.0255, 90.1253

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4742, 76.5999, 85.7757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1091, 76.0255, 90.1253 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(229, 224, 236) looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 236)  
}
```

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(229, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.1091, 76.0255, 90.1253 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(229, 224, 236) }
```


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

```
.border{ border-color:rgb(229, 224, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 236);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1091, 76.0255, 90.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 236) }
```

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

```
.background{ background-color: rgb(229,  
224, 236) }
```

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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