

Converting Colors

XYZ(76.5932, 75.8483, 91.4922)

Have a look what the booklet for
XYZ(76.5932, 75.8483, 91.4922)
contains.

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Color

**XYZ(76.6224, 75.7102,
91.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDCEE
RGB	239, 220, 238
RGB Percent	94%, 86%, 93%
CMY	0.0627, 0.1372, 0.0667
CMYK	0.00, 0.08, 0.00, 0.06
HSL	303°, 37%, 90%
HSV	303°, 8%, 94%
XYZ	76.6224, 75.7102, 91.4640
YIQ	227.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

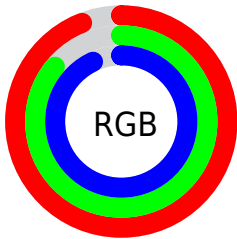
Format	Color
R _Y B	239, 220, 238
Decimal	15719662
CIE Lab	89.72, 9.64, -6.43
CIE LCh	90, 11.582, 326.304
Yxy	75.7102, 0.3143, 0.3105
Android (android.graphics.Color)	4293909742 (0xFFEFDCEE)
YUV	227.7330, 5.0616, 9.8812
Hunter-Lab	87.0116, 4.9167, -1.4157

Details

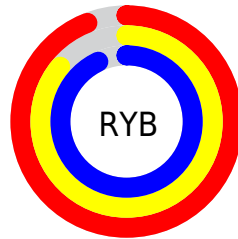
The XYZ color **76.6224, 75.7102, 91.4640** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4357, 82.1711, 80.4007**, and the grayscale version is **73.5110, 77.3393, 84.2225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4271, 40.3549, 49.8618** is the 20% darker color. If you saturate the color by 10%, you get **70.6094, 63.9779, 88.5517**, and if you desaturate by 10%, it is **83.5378, 89.2430, 94.6853**.

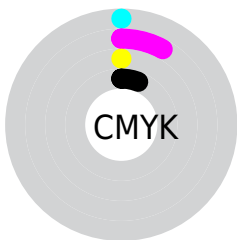
Distribution



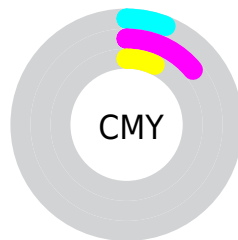
- Red (94%)
- Green (86%)
- Blue (93%)



- Red (94%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6224, 75.7102, 91.4640 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 76.6224, 75.7102, 91.4640 by changing the saturation by 10% instead.

76.6224, 75.7102,
91.4640

76.6224, 75.7102,
91.4640

472.3873,
480.3551, 553.4743

57.2419, 56.1949,
68.6150

127.5820,
127.3172, 151.3235

41.4403, 40.3592,
49.9284

159.8918,
160.1776, 189.1711

28.8525, 27.8187,
34.9857

197.2420,
198.2553, 232.8553

19.1130, 18.1891,
23.3684

239.9980,
241.9345, 282.7947

11.8564, 11.0858,
14.6579

288.5252,
291.5997, 339.4077

6.7175, 6.1246,
8.4357

343.1889,

3.3308, 2.9210,

347.6353, 403.1129

4.2833

404.3545,
410.4256, 474.3290

■ 1.3310, 1.0906,
1.7820

■ 0.2063, 0.0000,
0.4160

■ 76.6224, 75.7102,
91.4640

■ 76.6224, 75.7102,
91.4640

■ 70.6094, 63.9779,
88.5517

■ 83.5378, 89.2430,
94.6853

■ 65.4543, 53.9605,
85.9309

■ 87.1623, 96.1931,
96.8151

■ 61.1189, 45.5802,
83.5895

■ 87.3504, 96.2683,
97.8058

■ 57.5591, 38.7494,
81.5131

■ 87.5399, 96.3441,
98.8034

■ 54.7273, 33.3722,
79.6857

■ 87.7306, 96.4204,
99.8078

■ 52.5700, 29.3422,
78.0894

■ 87.9227, 96.4972,
100.8192

■ 51.0268, 26.5383,
76.7041

■ 88.1160, 96.5746,
101.8374

■ 50.0264, 24.8180,
75.5061

■ 88.3107, 96.6524,
102.8625

■ 49.4710, 23.9857,
74.4626

■ 88.5067, 96.7308,
103.8945

Harmonies

Analogous

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



74.4191, 75.7102, 97.3395



76.6224, 75.7102, 91.4640



77.5756, 75.7102, 83.4525

Triad

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



76.6224, 75.7102, 91.4640



72.3145, 75.7102, 67.7280



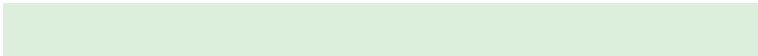
67.1529, 75.7102, 89.5967

Complementary

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



76.6224, 75.7102, 91.4640



73.4357, 82.1711, 80.4007

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.



66.6227, 75.7102, 81.4268



76.6224, 75.7102, 91.4640



69.5562, 75.7102, 69.1362

Square

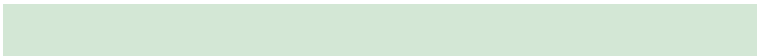
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6224, 75.7102, 91.4640



75.0473, 75.7102, 70.0409



67.4912, 75.7102, 74.0217



68.9591, 75.7102, 96.2124

Rectangle

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



76.6224, 75.7102, 91.4640



77.3558, 75.7102, 78.1024



67.4912, 75.7102, 74.0217



66.8216, 75.7102, 86.9261

Sweetspot

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



76.6246, 75.7135, 91.4656



93.4013, 96.7718, 108.1374



70.9801, 72.7866, 91.9706



20.0090, 20.7470, 23.1539



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.



76.6246, 75.7135, 91.4656



87.2325, 84.7096, 105.2317



75.2724, 75.1726, 84.3450



16.4162, 16.0162, 19.7480



27.3051, 13.1945, 41.1188



2.2825, 1.1020, 3.4783

Inverse Universe

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



76.6246, 75.7135, 91.4656



87.2325, 84.7096, 105.2317



74.7305, 82.6890, 87.2190



16.4162, 16.0162, 19.7480



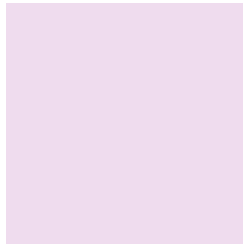
27.3051, 13.1945, 41.1188



2.2825, 1.1020, 3.4783

Previews

White Background



This preview shows how the XYZ color 76.6224, 75.7102, 91.4640 looks on a white background.

Color Contrast Check

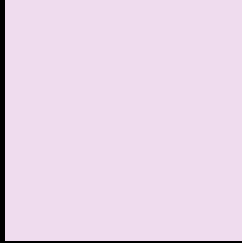
Large Text (above 18pt) WCAG AA × Fail

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 76.6224, 75.7102, 91.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

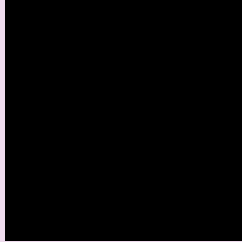
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

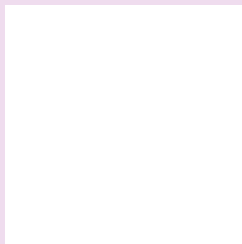
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6224, 75.7102, 91.4640

Background



This preview shows how black text looks on a background with the XYZ color 76.6224, 75.7102, 91.4640.



This preview shows how white text looks on a background with the XYZ color 76.6224, 75.7102,

91.4640.

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

76.6224, 75.7102, 91.4640

Protanopia

73.5842, 75.6697, 93.9465

Deuteranopia

77.3821, 75.7133, 91.4246



Tritanopia

76.4759, 75.6515, 90.6923

Trichromacy



Original Color

76.6224, 75.7102, 91.4640

Protanomaly

74.7490, 75.8896, 93.1465

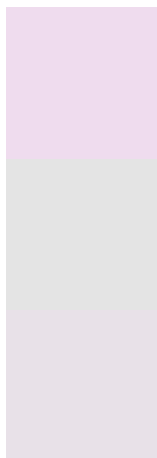
Deuteranomaly

77.0398, 75.5369, 91.4086

Tritanomaly

76.4759, 75.6515, 90.6923

Monochromacy



Original Color

76.6224, 75.7102, 91.4640

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.7694, 76.8324, 87.2333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6224, 75.7102, 91.4640 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(239, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 238)  
}
```

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(239, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 238) }
```

Border

The CSS property to change the border of an element to XYZ 76.6224, 75.7102, 91.4640 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(239, 220, 238) }
```


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

```
.border{ border-color:rgb(239, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6224, 75.7102, 91.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 238) }
```

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

```
.background{ background-color: rgb(239,  
220, 238) }
```

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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