

Converting Colors

XYZ(76.1665, 75.6136, 91.9464)

Have a look what the booklet for
XYZ(76.1665, 75.6136, 91.9464)
contains.

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Color

**XYZ(76.0982, 75.4229,
92.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDCEF
RGB	237, 220, 239
RGB Percent	93%, 86%, 94%
CMY	0.0706, 0.1372, 0.0627
CMYK	0.01, 0.08, 0.00, 0.06
HSL	294°, 37%, 90%
HSV	294°, 8%, 94%
XYZ	76.0982, 75.4229, 92.2086
YIQ	227.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

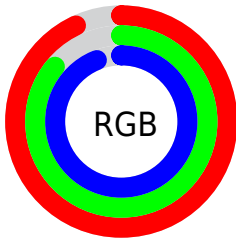
Format	Color
R _Y B	237, 220, 239
Decimal	15588591
CIE Lab	89.59, 9.15, -7.17
CIE LCh	90, 11.623, 321.928
Yxy	75.4229, 0.3122, 0.3095
Android (android.graphics.Color)	4293778671 (0xFFEDDCEF)
YUV	227.2490, 5.7932, 8.5516
Hunter-Lab	86.8464, 4.4276, -2.1584

Details

The XYZ color **76.0982, 75.4229, 92.2086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9118, 82.4319, 79.7293**, and the grayscale version is **73.1538, 76.9635, 83.8132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0584, 40.1529, 50.3860** is the 20% darker color. If you saturate the color by 10%, you get **69.4351, 63.3342, 90.2275**, and if you desaturate by 10%, it is **83.6742, 89.3176, 94.4924**.

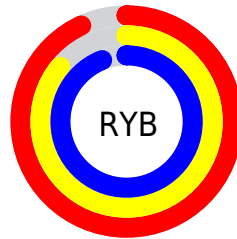
Distribution



Red (93%)

Green (86%)

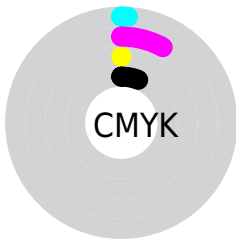
Blue (94%)



Red (93%)

Yellow (86%)

Blue (94%)

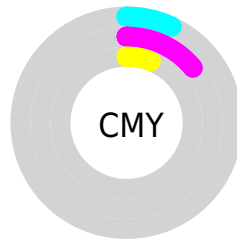


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0982, 75.4229, 92.2086 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 76.0982, 75.4229, 92.2086 by changing the saturation by 10% instead.


 76.0982, 75.4229,
92.2086

 76.0982, 75.4229,
92.2086

470.6230,
479.3699, 555.9439

 56.8104, 55.9594,
69.2299


126.8453,
126.9108, 152.3647

 41.0926, 40.1704,
50.4260


159.0353,
159.7040, 190.3791

 28.5794, 27.6714,
35.3785


196.2568,
197.7093, 234.2426

 18.9056, 18.0781,
23.6687

238.8750,
241.3110, 284.3736

 11.7057, 11.0061,
14.8781

287.2554,
290.8935, 341.1907

 6.6144, 6.0709,
8.5882

341.7633,

 3.2663, 2.8883,

346.8412, 405.1124

4.3805

402.7640,
409.5385, 476.5573

■ 1.2961, 1.0737,
1.8363

■ 0.1803, 0.0000,
0.4517

■ 76.0982, 75.4229,
92.2086

■ 76.0982, 75.4229,
92.2086

■ 69.4351, 63.3342,
90.2275

■ 83.6742, 89.3176,
94.4924

■ 63.6405, 52.9659,
88.5317


■ 87.9698, 96.6353,
95.6784


■ 58.6758, 44.2403,
87.1091


■ 88.8397, 97.0838,
95.7191


■ 54.4972, 37.0697,
85.9453


■ 89.7214, 97.5383,
95.7604

 51.0568, 31.3581,
85.0242


 90.6152, 97.9991,
95.8022


 48.3013, 26.9991,
84.3280


 91.5209, 98.4660,
95.8446

 46.1701, 23.8717,
83.8367

 92.4388, 98.9392,
95.8876

 44.5919, 21.8333,
83.5264

 92.5802, 99.0121,
95.8942

 43.4688, 20.6882,
83.3646

Harmonies

Analogous

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



73.7578, 75.4229, 97.5946



76.0982, 75.4229, 92.2086



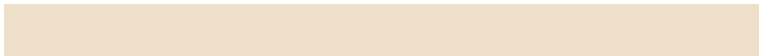
77.2634, 75.4229, 84.3511

Triad

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



76.0982, 75.4229, 92.2086



72.4611, 75.4229, 67.5135



66.7123, 75.4229, 88.1376

Complementary

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



76.0982, 75.4229, 92.2086



73.9118, 82.4319, 79.7293

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.



66.3860, 75.4229, 79.9339



76.0982, 75.4229, 92.2086



69.6558, 75.4229, 68.3791

Square

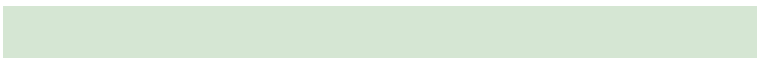
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0982, 75.4229, 92.2086



75.1274, 75.4229, 70.3524



67.4500, 75.4229, 72.8005



68.3536, 75.4229, 95.1376

Rectangle

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



76.0982, 75.4229, 92.2086



77.1960, 75.4229, 78.9146



67.4500, 75.4229, 72.8005



66.4469, 75.4229, 85.4167

Sweetspot

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



76.1004, 75.4261, 92.2102



93.2473, 96.6874, 108.3556



71.2773, 73.8090, 92.1523



19.9777, 20.7298, 23.1983



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.



76.1004, 75.4261, 92.2102



86.4670, 84.2901, 106.3201



75.7174, 75.3505, 86.6887



16.2807, 15.9420, 19.9406



23.9755, 11.3652, 46.0579



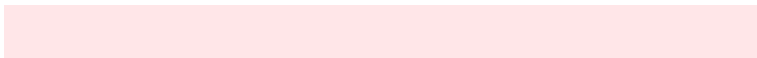
2.0412, 0.9695, 3.8338

Inverse Universe

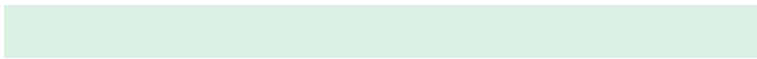
The Inverse Universe completely reimagines the original color for something new.



74.3773, 74.8145, 79.6316



83.9896, 83.4124, 88.1550



74.2886, 82.5123, 84.8921



15.8404, 15.7859, 16.7159



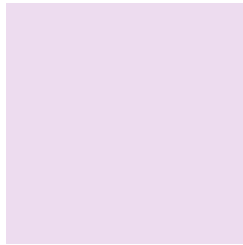
19.7919, 10.1892, 1.5545



1.6688, 0.8566, 0.2470

Previews

White Background



This preview shows how the XYZ color 76.0982, 75.4229, 92.2086 looks on a white background.

Color Contrast Check

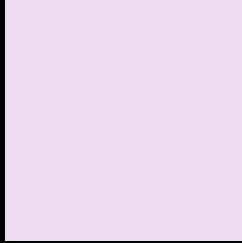
Large Text (above 18pt) WCAG AA × Fail

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 76.0982, 75.4229, 92.2086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

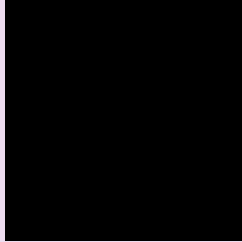
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0982, 75.4229, 92.2086

Background



This preview shows how black text looks on a background with the XYZ color 76.0982, 75.4229, 92.2086.



This preview shows how white text looks on a background with the XYZ color 76.0982, 75.4229,

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

76.0982, 75.4229, 92.2086

Protanopia

73.5842, 75.6697, 93.9465

Deuteranopia

77.1871, 75.5958, 92.1846



Tritanopia

75.9509, 75.3640, 91.4326

Trichromacy



Original Color

76.0982, 75.4229, 92.2086

Protanomaly

74.4290, 75.7246, 93.1316

Deuteranomaly

76.8467, 75.4203, 92.1687

Tritanomaly

75.9509, 75.3640, 91.4326

Monochromacy



Original Color

76.0982, 75.4229, 92.2086

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.0345, 76.0698, 86.3822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0982, 75.4229, 92.2086 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(237, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 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(237, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.0982, 75.4229, 92.2086 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(237, 220, 239) }
```


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

```
.border{ border-color:rgb(237, 220, 239) }
```

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

Here you see how a box with a 4 pixel rgb(237, 220, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0982, 75.4229, 92.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 239) }
```

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

```
.background{ background-color: rgb(237,  
220, 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](#).

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