

Converting Colors

XYZ(75.4602, 77.0713, 92.5604)

Have a look what the booklet for
XYZ(75.4602, 77.0713, 92.5604)
contains.

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Color

**XYZ(75.4602, 77.0713,
92.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1EF
RGB	231, 225, 239
RGB Percent	91%, 88%, 94%
CMY	0.0941, 0.1176, 0.0627
CMYK	0.03, 0.06, 0.00, 0.06
HSL	266°, 30%, 91%
HSV	266°, 6%, 94%
XYZ	75.4602, 77.0713, 92.5604
YIQ	228.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

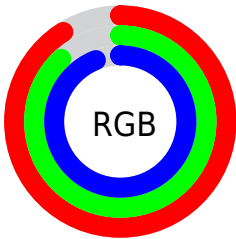
Format	Color
R_{YB}	231, 225, 239
Decimal	15196655
CIE Lab	90.35, 4.56, -6.09
CIE LCh	90, 7.607, 306.802
Yxy	77.0713, 0.3079, 0.3145
Android (android.graphics.Color)	4293386735 (0xFFE7E1EF)
YUV	228.3900, 5.2307, 2.2890
Hunter-Lab	87.7903, -0.2031, -1.0584

Details

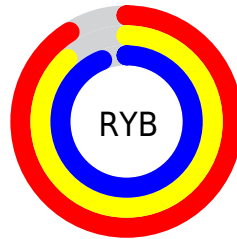
The XYZ color **75.4602, 77.0713, 92.5604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.0641, 84.4949, 83.4327**, and the grayscale version is **73.9936, 77.8470, 84.7754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6012, 41.2823, 50.6281** is the 20% darker color. If you saturate the color by 10%, you get **65.2083, 62.8585, 90.3586**, and if you desaturate by 10%, it is **86.9651, 93.2768, 95.0832**.

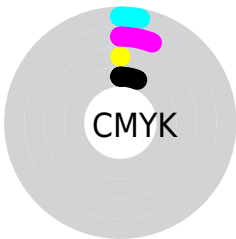
Distribution



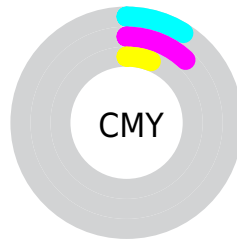
- Red (91%)
- Green (88%)
- Blue (94%)



- Red (91%)
- Yellow (88%)
- Blue (94%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4602, 77.0713, 92.5604 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 75.4602, 77.0713, 92.5604 by changing the saturation by 10% instead.

75.4602, 77.0713,
92.5604

75.4602, 77.0713,
92.5604

468.4707,
485.0071, 557.1086

56.2855, 57.3114,
69.5205

125.9480,
129.2401, 152.8563

40.6698, 41.2553,
50.6614

157.9918,
162.4178, 190.9494

28.2477, 28.5186,
35.5643

195.0560,
200.8369, 234.8974

18.6538, 18.7170,
23.8109

237.5060,
244.8818, 285.1187

11.5229, 11.4659,
14.9825

285.7071,
294.9369, 342.0319

6.4896, 6.3812,
8.6606

340.0247,

3.1885, 3.0782,

351.3865, 406.0556

4.4267

400.8241,
414.6151, 477.6083

■ 1.2542, 1.1727,
1.8622

■ 0.1485, 0.0392,
0.4685

■ 75.4602, 77.0713,
92.5604

■ 75.4602, 77.0713,
92.5604

■ 65.2083, 62.8585,
90.3586

■ 86.9651, 93.2768,
95.0832

■ 56.1574, 50.5498,
88.4598

■ 92.5802, 99.0121,
95.8942

■ 48.2618, 40.0643,
86.8520

■ 41.4700, 31.3116,
85.5205

■ 35.7263, 24.1932,
84.4493

■ 30.9694, 18.6005,
83.6205

■ 27.1312, 14.4109,
83.0141

■ 24.1330, 11.4821,
82.6068

■ 21.8792, 9.6389,
82.3698

Harmonies

Analogous

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



73.6867, 77.0713, 94.7203



75.4602, 77.0713, 92.5604



76.6570, 77.0713, 88.0988

Triad

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



75.4602, 77.0713, 92.5604



74.6997, 77.0713, 74.6799



69.6925, 77.0713, 85.1606

Complementary

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



75.4602, 77.0713, 92.5604



78.0641, 84.4949, 83.4327

Split Complementary

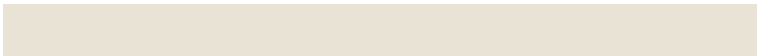
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9531, 77.0713, 79.8707



75.4602, 77.0713, 92.5604



72.8229, 77.0713, 73.9690

Square

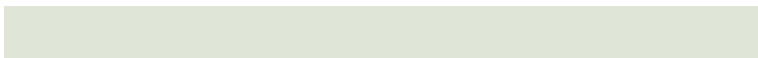
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4602, 77.0713, 92.5604



76.2127, 77.0713, 77.8156



71.0911, 77.0713, 75.8302



70.3728, 77.0713, 90.3304

Rectangle

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



75.4602, 77.0713, 92.5604



76.9554, 77.0713, 84.5014



71.0911, 77.0713, 75.8302



69.6731, 77.0713, 83.3363

Sweetspot

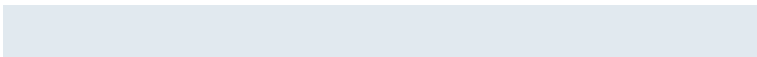
The Sweet Spot groups the original color and five complimentary colors.



75.4624, 77.0746, 92.5621



92.3802, 96.2404, 108.3150



75.8202, 80.6145, 93.2265



19.8012, 20.6388, 23.1900



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.



75.4624, 77.0746, 92.5621



85.9633, 87.2514, 106.9182



77.7114, 78.2340, 92.6673



15.9730, 16.1632, 19.9995



11.8062, 5.0917, 45.4884



1.0938, 0.4811, 3.7894

Inverse Universe

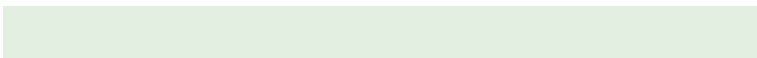
The Inverse Universe completely reimagines the original color for something new.



77.2324, 78.0877, 88.0963



88.4106, 88.6524, 100.7329



75.8761, 83.3669, 83.3303



16.4666, 16.4458, 18.7509



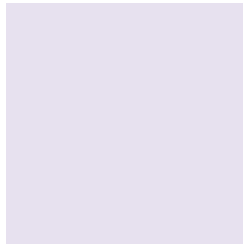
22.2181, 11.1597, 14.3309



1.8981, 0.9483, 1.4541

Previews

White Background



This preview shows how the XYZ color 75.4602, 77.0713, 92.5604 looks on a white background.

Color Contrast Check

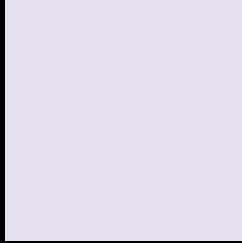
Large Text (above 18pt) WCAG AA × Fail

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 75.4602, 77.0713, 92.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

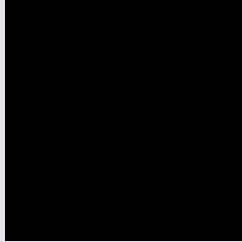
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

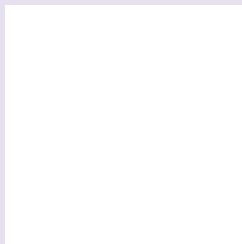
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4602, 77.0713, 92.5604

Background



This preview shows how black text looks on a background with the XYZ color 75.4602, 77.0713, 92.5604.



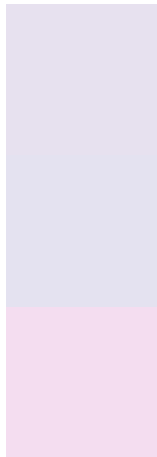
This preview shows how white text looks on a background with the XYZ color 75.4602, 77.0713,

92.5604.

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

75.4602, 77.0713, 92.5604

Protanopia

74.9194, 77.1780, 93.3862

Deuteranopia

78.8929, 77.2373, 93.1883



Tritanopia

75.9614, 76.8779, 94.8397

Trichromacy



Original Color

75.4602, 77.0713, 92.5604

Protanomaly

75.2376, 77.3420, 93.4011

Deuteranomaly

77.4461, 76.8845, 93.1964

Tritanomaly

75.8115, 76.8180, 94.0507

Monochromacy



Original Color

75.4602, 77.0713, 92.5604

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3477, 77.4224, 87.3694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4602, 77.0713, 92.5604 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(231, 225, 239) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 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(231, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.4602, 77.0713, 92.5604 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(231, 225, 239) }
```


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

```
.border{ border-color:rgb(231, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4602, 77.0713, 92.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 239) }
```

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

```
.background{ background-color: rgb(231,  
225, 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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