

Converting Colors

XYZ(77.4883, 76.7710, 93.0391)

Have a look what the booklet for
XYZ(77.4883, 76.7710, 93.0391)
contains.

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Color

**XYZ(77.4461, 76.8845,
93.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDEF0
RGB	239, 222, 240
RGB Percent	94%, 87%, 94%
CMY	0.0627, 0.1294, 0.0588
CMYK	0.00, 0.07, 0.00, 0.06
HSL	297°, 37%, 91%
HSV	297°, 7%, 94%
XYZ	77.4461, 76.8845, 93.1964
YIQ	229.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

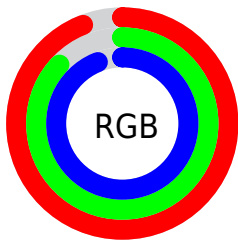
Format	Color
R _Y B	239, 222, 240
Decimal	15720176
CIE Lab	90.27, 8.95, -6.67
CIE LCh	90, 11.166, 323.308
Yxy	76.8845, 0.3129, 0.3106
Android (android.graphics.Color)	4293910256 (0xFFEFDEF0)
YUV	229.1350, 5.3564, 8.6516
Hunter-Lab	87.6838, 4.2122, -1.6388

Details

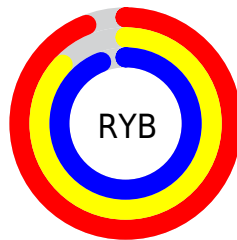
The XYZ color **77.4461, 76.8845, 93.1964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7790, 83.2840, 81.2452**, and the grayscale version is **74.5370, 78.4187, 85.3980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9989, 41.1654, 51.0795** is the 20% darker color. If you saturate the color by 10%, you get **71.0725, 64.8018, 91.2013**, and if you desaturate by 10%, it is **84.7348, 90.7902, 95.4975**.

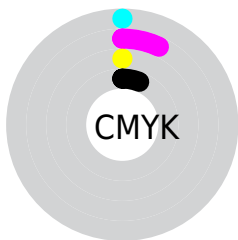
Distribution



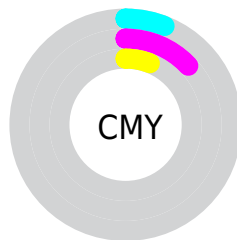
- Red (94%)
- Green (87%)
- Blue (94%)



- Red (94%)
- Yellow (87%)
- Blue (94%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4461, 76.8845, 93.1964 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 77.4461, 76.8845, 93.1964 by changing the saturation by 10% instead.

77.4461, 76.8845,
93.1964

77.4461, 76.8845,
93.1964

475.1523,
484.3701, 559.2108

57.9203, 57.1581,
70.0462

128.7385,
128.9764, 153.7446

41.9876, 41.1322,
51.0871

161.2358,
162.1107, 191.9796

29.2826, 28.4224,
35.9008

198.7876,
200.4831, 236.0799

19.4401, 18.6443,
24.0685

241.7594,
244.4780, 286.4642

12.0946, 11.4135,
15.1718

290.5163,
294.4797, 343.5509

6.8808, 6.3457,
8.7921

345.4239,

3.4333, 3.0564,

350.8727, 407.7585

4.5108

406.8475,
414.0414, 479.5056

■ 1.3868, 1.1613,
1.9096

■ 0.2468, 0.0297,
0.4988

■ 77.4461, 76.8845,
93.1964

■ 77.4461, 76.8845,
93.1964

■ 71.0725, 64.8018,
91.2013

■ 84.7348, 90.7902,
95.4975

■ 65.5691, 54.4558,
89.4944

■ 87.9925, 96.6299,
96.4529

■ 60.8974, 45.7682,
88.0637

■ 88.4509, 96.8662,
96.4744

■ 57.0132, 38.6508,
86.8946

■ 88.9127, 97.1043,
96.4960

53.8683, 33.0072,
85.9711

89.3778, 97.3441,
96.5178

51.4092, 28.7303,
85.2751

89.8463, 97.5856,
96.5397

49.5752, 25.6986,
84.7866

90.3181, 97.8288,
96.5618

48.2948, 23.7693,
84.4817

90.7933, 98.0738,
96.5840

47.4735, 22.7533,
84.3289

91.2719, 98.3205,
96.6064

Harmonies

Analogous

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



75.2115, 76.8845, 98.5720



77.4461, 76.8845, 93.1964



78.5138, 76.8845, 85.5103

Triad

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



77.4461, 76.8845, 93.1964



73.7009, 76.8845, 69.4144



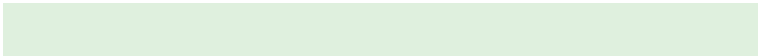
68.2774, 76.8845, 89.9175

Complementary

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



77.4461, 76.8845, 93.1964



74.7790, 83.2840, 81.2452

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.



67.8960, 76.8845, 81.9433



77.4461, 76.8845, 93.1964



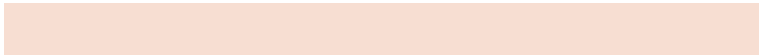
70.9821, 76.8845, 70.4297

Square

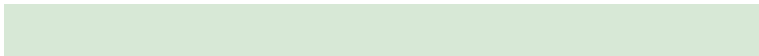
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4461, 76.8845, 93.1964



76.3164, 76.8845, 72.0312



68.8743, 76.8845, 74.8979



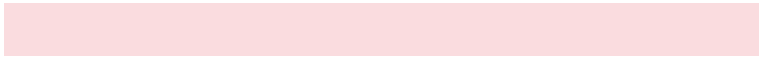
69.9295, 76.8845, 96.5967

Rectangle

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



77.4461, 76.8845, 93.1964



78.4015, 76.8845, 80.2401



68.8743, 76.8845, 74.8979



67.9981, 76.8845, 87.2871

Sweetspot

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



77.4483, 76.8878, 93.1981



93.3404, 96.7354, 108.3600



72.2968, 74.7068, 93.0486



19.9966, 20.7395, 23.1991



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.



77.4483, 76.8878, 93.1981



87.6933, 85.9804, 106.5817



76.6527, 76.6087, 87.2422



16.3625, 15.9841, 19.9444



25.9325, 12.3741, 46.1495



2.1836, 1.0430, 3.8404

Inverse Universe

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



75.3783, 76.0989, 80.5312



84.8651, 84.9032, 89.2493



75.5417, 83.5536, 86.8644



15.8084, 15.7731, 16.5472



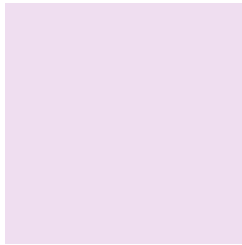
19.7273, 10.1634, 1.2148



1.6536, 0.8505, 0.1665

Previews

White Background



This preview shows how the XYZ color 77.4461, 76.8845, 93.1964 looks on a white background.

Color Contrast Check

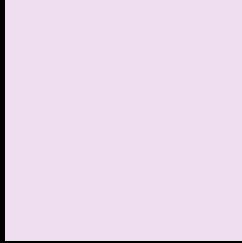
Large Text (above 18pt) WCAG AA × Fail

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 77.4461, 76.8845, 93.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

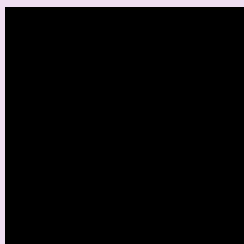
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

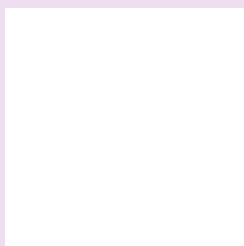
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4461, 76.8845, 93.1964

Background



This preview shows how black text looks on a background with the XYZ color 77.4461, 76.8845, 93.1964.



This preview shows how white text looks on a background with the XYZ color 77.4461, 76.8845,

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

77.4461, 76.8845, 93.1964

Protanopia

74.9019, 77.1344, 94.9451

Deuteranopia

78.5468, 77.0589, 93.1721



Tritanopia

77.4461, 76.8845, 93.1964

Trichromacy



Original Color

77.4461, 76.8845, 93.1964

Protanomaly

75.7574, 77.1902, 94.1254

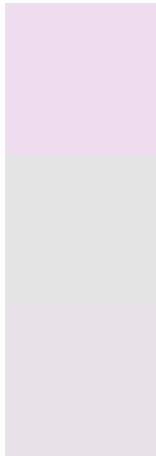
Deuteranomaly

78.2026, 76.8814, 93.1560

Tritanomaly

77.4461, 76.8845, 93.1964

Monochromacy



Original Color

77.4461, 76.8845, 93.1964

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5086, 77.5995, 88.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4461, 76.8845, 93.1964 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, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 222, 240)  
}
```

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, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.4461, 76.8845, 93.1964 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, 222, 240) }
```


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

```
.border{ border-color:rgb(239, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(239, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4461, 76.8845, 93.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 222, 240) }
```

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

```
.background{ background-color: rgb(239,  
222, 240) }
```

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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