

Converting Colors

XYZ(76.8745, 77.9321, 93.6347)

Have a look what the booklet for
XYZ(76.8745, 77.9321, 93.6347)
contains.

XYZ(76.5851, 77.6341, 93.3865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.5851, 77.6341,
93.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1F0
RGB	234, 225, 240
RGB Percent	92%, 88%, 94%
CMY	0.0823, 0.1176, 0.0588
CMYK	0.02, 0.06, 0.00, 0.06
HSL	276°, 33%, 91%
HSV	276°, 6%, 94%
XYZ	76.5851, 77.6341, 93.3865
YIQ	229.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

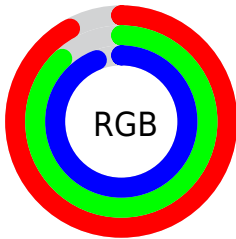
Format	Color
R_{YB}	234, 225, 240
Decimal	15393264
CIE _{Lab}	90.61, 5.73, -6.21
CIE _{LCh}	91, 8.450, 312.724
Yxy	77.6341, 0.3093, 0.3135
Android (android.graphics.Color)	4293583344 (0xFFEAE1F0)
YUV	229.4010, 5.2253, 4.0333
Hunter-Lab	88.1102, 0.9587, -1.1633

Details

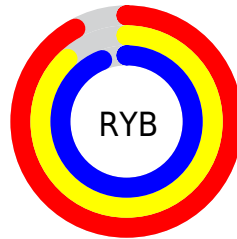
The XYZ color **76.5851, 77.6341, 93.3865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7085, 84.7474, 83.5002**, and the grayscale version is **74.7358, 78.6279, 85.6258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3866, 41.6751, 51.2102** is the 20% darker color. If you saturate the color by 10%, you get **67.4808, 63.9783, 91.2317**, and if you desaturate by 10%, it is **86.7767, 93.2084, 95.8567**.

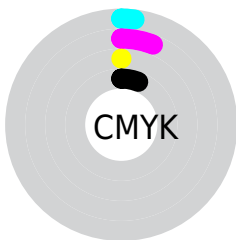
Distribution



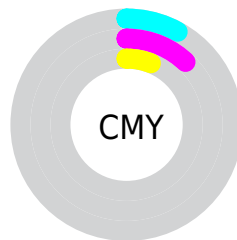
- Red (92%)
- Green (88%)
- Blue (94%)



- Red (92%)
- Yellow (88%)
- Blue (94%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5851, 77.6341, 93.3865 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 76.5851, 77.6341, 93.3865 by changing the saturation by 10% instead.

76.5851, 77.6341,
93.3865

76.5851, 77.6341,
93.3865

472.2619,
486.9233, 559.8384

57.2111, 57.7735,
70.2033

127.5296,
130.0342, 154.0099

41.4156, 41.6265,
51.2145

159.8309,
163.3424, 192.2873

28.8331, 28.8090,
36.0014

197.1719,
201.9020, 236.4331

19.0982, 18.9364,
24.1456

239.9182,
246.0972, 286.8660

11.8457, 11.6243,
15.2285

288.4349,
296.3126, 344.0044

6.7101, 6.4884,
8.8315

343.0876,

3.3262, 3.1443,

352.9325, 408.2669

4.5361

404.2414,
416.3412, 480.0720

■ 1.3285, 1.2075,
1.9238

■ 0.2044, 0.0678,
0.5078

■ 76.5851, 77.6341,
93.3865

■ 76.5851, 77.6341,
93.3865

■ 67.4808, 63.9783,
91.2317

■ 86.7767, 93.2084,
95.8567

■ 59.4165, 52.1541,
89.3744

■ 92.0714, 98.7327,
96.6439

■ 52.3513, 42.0824,
87.8028

■ 92.7284, 99.0714,
96.6746

■ 46.2387, 33.6745,
86.5020

■ 41.0281, 26.8335,
85.4562

■ 36.6639, 21.4525,
84.6476

■ 33.0832, 17.4104,
84.0561

■ 30.2132, 14.5661,
83.6584

■ 27.9637, 12.7439,
83.4252

Harmonies

Analogous

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



74.6891, 77.6341, 96.4188



76.5851, 77.6341, 93.3865



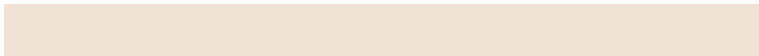
77.7443, 77.6341, 88.0397

Triad

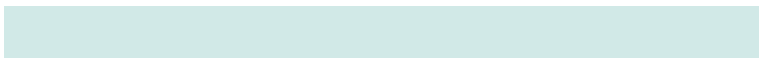
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5851, 77.6341, 93.3865



75.0043, 77.6341, 73.8805



69.8893, 77.6341, 87.1240

Complementary

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



76.5851, 77.6341, 93.3865



77.7085, 84.7474, 83.5002

Split Complementary

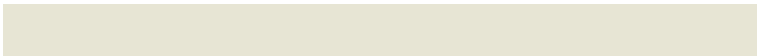
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9700, 77.6341, 81.1155



76.5851, 77.6341, 93.3865



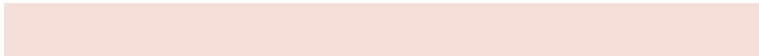
72.8960, 77.6341, 73.6617

Square

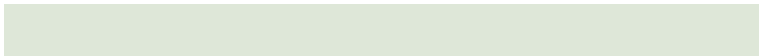
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5851, 77.6341, 93.3865



76.8197, 77.6341, 76.8654



71.0616, 77.6341, 76.2526



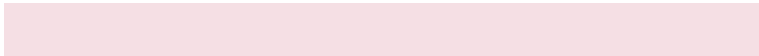
70.8389, 77.6341, 92.6887

Rectangle

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



76.5851, 77.6341, 93.3865



77.9298, 77.6341, 83.9775



71.0616, 77.6341, 76.2526



69.7973, 77.6341, 85.0856

Sweetspot

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



76.5874, 77.6374, 93.3882



92.6978, 96.4041, 108.3299



75.4284, 79.5938, 93.8269



19.8658, 20.6721, 23.1930



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.



76.5874, 77.6374, 93.3882



87.0389, 87.8059, 106.9685



78.4057, 78.5962, 92.5074



16.1896, 16.2749, 20.0097



15.0583, 6.7682, 45.6406



1.3646, 0.6208, 3.8021

Inverse Universe

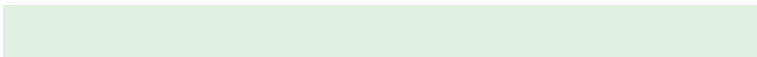
The Inverse Universe completely reimagines the original color for something new.



77.2869, 78.1487, 86.6158



87.9411, 88.4646, 98.2606



75.9760, 83.8345, 84.3124



16.3720, 16.4080, 18.2530



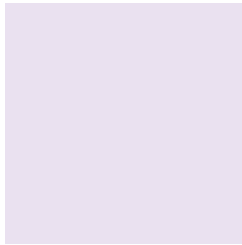
20.8892, 10.6281, 7.3332



1.7856, 0.9033, 0.8620

Previews

White Background



This preview shows how the XYZ color 76.5851, 77.6341, 93.3865 looks on a white background.

Color Contrast Check

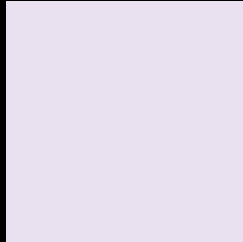
Large Text (above 18pt) WCAG AA × Fail

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 76.5851, 77.6341, 93.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

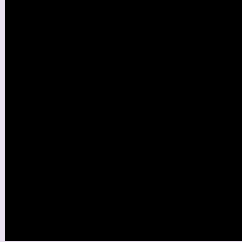
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

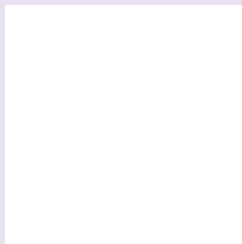
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5851, 77.6341, 93.3865

Background



This preview shows how black text looks on a background with the XYZ color 76.5851, 77.6341, 93.3865.



This preview shows how white text looks on a background with the XYZ color 76.5851, 77.6341,

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

76.5851, 77.6341, 93.3865

Protanopia

75.3412, 77.7830, 94.2618

Deuteranopia

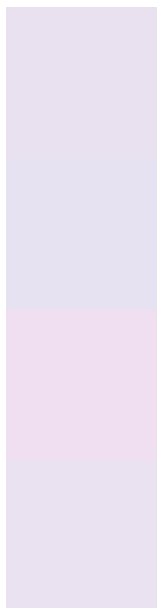
79.0419, 77.2969, 93.9729



Tritanopia

76.8839, 77.7537, 94.9601

Trichromacy



Original Color

76.5851, 77.6341, 93.3865

Protanomaly

75.7067, 77.5666, 94.2008

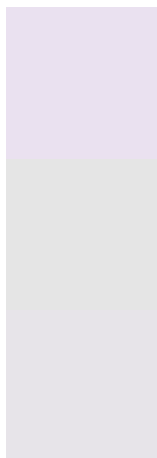
Deuteranomaly

77.9336, 77.1187, 93.9969

Tritanomaly

76.7341, 77.6937, 94.1712

Monochromacy



Original Color

76.5851, 77.6341, 93.3865

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4064, 78.3589, 88.2412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5851, 77.6341, 93.3865 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(234, 225, 240) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 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(234, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.5851, 77.6341, 93.3865 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(234, 225, 240) }
```


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

```
.border{ border-color:rgb(234, 225, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 225, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 225, 240); box-shadow:4px 4px 4px 4px rgb(234, 225, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5851, 77.6341, 93.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 240) }
```

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

```
.background{ background-color: rgb(234,  
225, 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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