

Converting Colors

XYZ(76.4506, 75.9575, 84.2005)

Have a look what the booklet for
XYZ(76.4506, 75.9575, 84.2005)
contains.

| | |
|------------------------------------------------|----|
| XYZ(76.2147, 75.6651, 83.9867) | 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(76.2147, 75.6651,
83.9867)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2DCE4 |
| RGB | 242, 220, 228 |
| RGB Percent | 95%, 86%, 89% |
| CMY | 0.0510, 0.1372, 0.1059 |
| CMYK | 0.00, 0.09, 0.06, 0.05 |
| HSL | 338°, 46%, 91% |
| HSV | 338°, 9%, 95% |
| XYZ | 76.2147, 75.6651, 83.9867 |
| YIQ | 227.4900, 10.5440, 7.1520 |

Conversions

Conversions Part 2

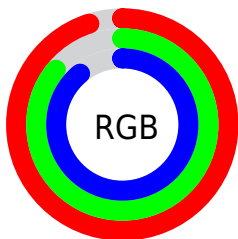
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 242, 220, 228 |
| Decimal | 15916260 |
| CIE Lab | 89.70, 8.90, -1.17 |
| CIE LCh | 90, 8.977, 352.495 |
| Yxy | 75.6651, 0.3231, 0.3208 |
| Android (android.graphics.Color) | 4294106340 (0xFFFF2DCE4) |
| YUV | 227.4900, 0.2514, 12.7253 |
| Hunter-Lab | 86.9857, 4.1723, 3.6441 |

Details

The XYZ color **76.2147, 75.6651, 83.9867** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1215, 84.6623, 90.1753**, and the grayscale version is **73.3651, 77.1858, 84.0553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2477, 40.3665, 45.1527** is the 20% darker color. If you saturate the color by 10%, you get **68.2738, 63.0534, 71.2562**, and if you desaturate by 10%, it is **85.2698, 90.1983, 98.0304**.

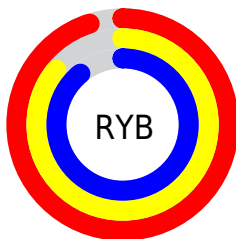
Distribution



Red (95%)

Green (86%)

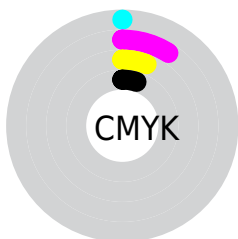
Blue (89%)



Red (95%)

Yellow (86%)

Blue (89%)

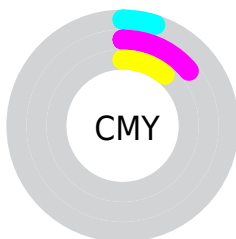


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (5%)



Cyan (5%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2147, 75.6651, 83.9867 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 76.2147, 75.6651, 83.9867 by changing the saturation by 10% instead.

76.2147, 75.6651,
83.9867

76.2147, 75.6651,
83.9867

471.0154,
480.2005, 528.3260

56.9062, 56.1579,
62.4591

127.0091,
127.2534, 140.8181

41.1698, 40.3296,
44.9656

159.2257,
160.1033, 176.9591

28.6401, 27.7956,
31.0876

196.4758,
198.1696, 218.8082

18.9516, 18.1716,
20.4065

239.1247,
241.8367, 266.7841

11.7391, 11.0733,
12.5039

287.5378,
291.4889, 321.3053

6.6372, 6.1161,
6.9611

342.0804,

3.2806, 2.9158,

347.5107, 382.7903

3.3597

403.1178,
410.2864, 451.6577

■ 1.3038, 1.0879,
1.2811

■ 0.1861, 0.0000,
0.0462

■ 76.2147, 75.6651,
83.9867

■ 76.2147, 75.6651,
83.9867

■ 68.2738, 63.0534,
71.2562

■ 85.2698, 90.1983,
98.0304

■ 61.3964, 52.2728,
59.7948

■ 90.4283, 97.6174,
108.6837

■ 55.5373, 43.2401,
49.5629

■ 50.6456, 35.8619,
40.5170

■ 46.6655, 30.0361,
32.6107

■ 43.5356, 25.6490,
25.7942

■ 41.1862, 22.5712,
20.0131

■ 39.5352, 20.6497,
15.2071

■ 38.4612, 19.6529,
11.3004

Harmonies

Analogous

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



75.3426, 75.6651, 90.0228



76.2147, 75.6651, 83.9867



75.9167, 75.6651, 77.8157

Triad

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



76.2147, 75.6651, 83.9867



70.3032, 75.6651, 71.6428



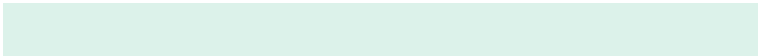
69.3603, 75.6651, 92.4265

Complementary

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



76.2147, 75.6651, 83.9867



76.1215, 84.6623, 90.1753

Split Complementary

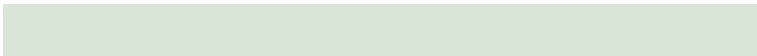
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0611, 75.6651, 87.1327



76.2147, 75.6651, 83.9867



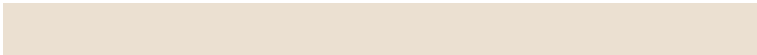
68.5976, 75.6651, 75.1946

Square

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



76.2147, 75.6651, 83.9867



72.4740, 75.6651, 70.8964



67.7848, 75.6651, 80.8066



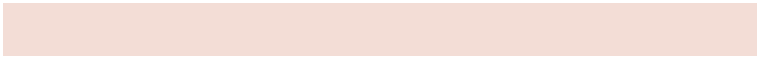
71.3636, 75.6651, 95.0553

Rectangle

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



76.2147, 75.6651, 83.9867



75.0974, 75.6651, 74.4331



67.7848, 75.6651, 80.8066



68.8284, 75.6651, 90.8871

Sweetspot

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



76.2168, 75.6684, 83.9883



91.8838, 94.9061, 104.0261



75.5326, 75.0819, 94.5165



19.4900, 20.0297, 21.9920



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

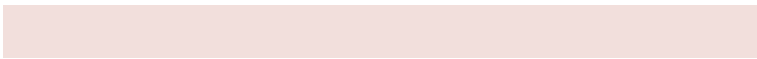
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2168, 75.6684, 83.9883



84.0029, 82.2938, 91.6901



75.9086, 76.7876, 78.5349



16.0103, 15.8538, 17.6103



20.6769, 10.5432, 6.2150



1.7663, 0.8956, 0.7601

Inverse Universe

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



76.2168, 75.6684, 83.9883



84.0029, 82.2938, 91.6901



76.4307, 83.4005, 96.0748



16.0103, 15.8538, 17.6103



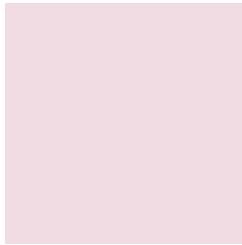
20.6769, 10.5432, 6.2150



1.7663, 0.8956, 0.7601

Previews

White Background



This preview shows how the XYZ color 76.2147, 75.6651, 83.9867 looks on a white background.

Color Contrast Check

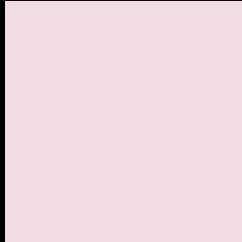
Large Text (above 18pt) WCAG AA × Fail

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 76.2147, 75.6651, 83.9867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

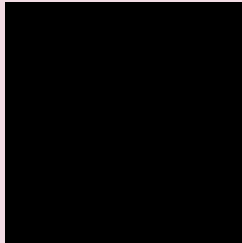
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2147, 75.6651, 83.9867

Background



This preview shows how black text looks on a background with the XYZ color 76.2147, 75.6651, 83.9867.

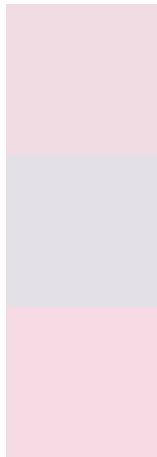


This preview shows how white text looks on a background with the XYZ color 76.2147, 75.6651,

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

76.2147, 75.6651, 83.9867

Protanopia

73.0744, 75.5748, 86.3373

Deuteranopia

77.3411, 75.8573, 83.9644



Tritanopia

77.4340, 75.7739, 89.9015

Trichromacy



Original Color

76.2147, 75.6651, 83.9867

Protanomaly

74.2749, 75.8122, 85.5814

Deuteranomaly

76.9913, 75.6769, 83.9480

Tritanomaly

77.0016, 75.6009, 87.6248

Monochromacy



Original Color

76.2147, 75.6651, 83.9867

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7995, 76.0132, 83.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2147, 75.6651, 83.9867 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(242, 220, 228) looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 228)  
}
```

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(242, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 228) }
```

Border

The CSS property to change the border of an element to XYZ 76.2147, 75.6651, 83.9867 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(242, 220, 228) }
```


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

```
.border{ border-color:rgb(242, 220, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2147, 75.6651, 83.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 228) }
```

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

```
.background{ background-color: rgb(242,  
220, 228) }
```

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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