

Converting Colors

XYZ(75.9933, 73.8424, 91.4581)

Have a look what the booklet for
XYZ(75.9933, 73.8424, 91.4581)
contains.

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Color

**XYZ(75.9237, 73.8100,
91.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D8EE
RGB	240, 216, 238
RGB Percent	94%, 85%, 93%
CMY	0.0588, 0.1529, 0.0667
CMYK	0.00, 0.10, 0.01, 0.06
HSL	305°, 44%, 89%
HSV	305°, 10%, 94%
XYZ	75.9237, 73.8100, 91.1341
YIQ	225.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

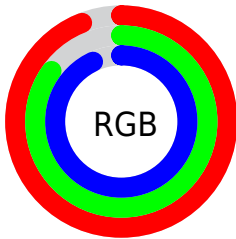
Format	Color
R _Y B	240, 216, 238
Decimal	15784174
CIE Lab	88.83, 12.06, -7.74
CIE LCh	89, 14.330, 327.325
Yxy	73.8100, 0.3152, 0.3064
Android (android.graphics.Color)	4293974254 (0xFFFF0D8EE)
YUV	225.6840, 6.0718, 12.5551
Hunter-Lab	85.9127, 7.3986, -2.7544

Details

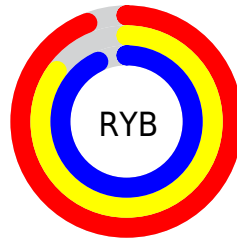
The XYZ color **75.9237, 73.8100, 91.1341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1367, 81.9832, 78.3559**, and the grayscale version is **72.0163, 75.7667, 82.5100**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9555, 39.0575, 49.6362** is the 20% darker color. If you saturate the color by 10%, you get **69.9270, 62.2833, 87.6939**, and if you desaturate by 10%, it is **82.8260, 87.1404, 94.8941**.

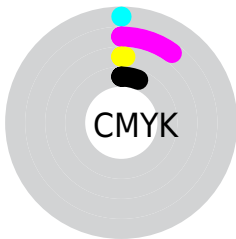
Distribution



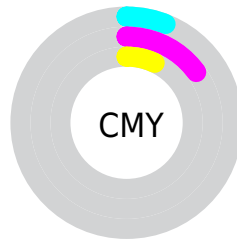
- Red (94%)
- Green (85%)
- Blue (93%)



- Red (94%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9237, 73.8100, 91.1341 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 75.9237, 73.8100, 91.1341 by changing the saturation by 10% instead.


 75.9237, 73.8100,
91.1341

 75.9237, 73.8100,
91.1341


470.0349,
473.8174, 552.3782

 56.6668, 54.6385,
68.3426


126.6000,
124.6264, 150.8620

 40.9769, 39.1124,
49.7081


158.7500,
157.0402, 188.6355

 28.4886, 26.8472,
34.8120


195.9285,
194.6369, 232.2400

 18.8366, 17.4585,
23.2357

238.5008,
237.8008, 282.0942

 11.6556, 10.5619,
14.5607

286.8322,
286.9164, 338.6166

 6.5801, 5.7731,
8.3685

341.2881,

 3.2449, 2.7076,

342.3681, 402.2257

4.2405

402.2339,
404.5403, 473.3400

■ 1.2846, 0.9811,
1.7582

■ 0.1716, 0.0000,
0.4002

■ 75.9237, 73.8100,
91.1341

■ 75.9237, 73.8100,
91.1341

■ 69.9270, 62.2833,
87.6939

■ 82.8260, 87.1404,
94.8941

■ 64.7907, 52.4732,
84.5556

■ 87.7232, 96.4565,
98.0010

■ 60.4752, 44.2997,
81.7070

■ 88.0254, 96.5774,
99.5924

■ 56.9356, 37.6728,
79.1330

■ 88.3309, 96.6996,
101.2012

54.1224, 32.4935,
76.8170

88.6397, 96.8232,
102.8275

51.9806, 28.6517,
74.7406

88.9519, 96.9480,
104.4712

50.4471, 26.0215,
72.8829

89.2674, 97.0742,
106.1325

49.4469, 24.4528,
71.2186

89.5862, 97.2017,
107.8113

48.8536, 23.6928,
69.7057

89.7458, 97.2656,
108.6518

Harmonies

Analogous

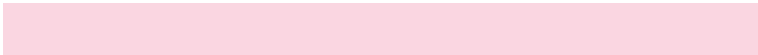
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2629, 73.8100, 98.5728



75.9237, 73.8100, 91.1341



77.0348, 73.8100, 81.2618

Triad

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



75.9237, 73.8100, 91.1341



70.4661, 73.8100, 62.7446



64.3900, 73.8100, 89.4644

Complementary

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



75.9237, 73.8100, 91.1341



72.1367, 81.9832, 78.3559

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.



63.6960, 73.8100, 79.4779



75.9237, 73.8100, 91.1341



67.1347, 73.8100, 64.5526

Square

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



75.9237, 73.8100, 91.1341



73.8195, 73.8100, 65.3263



64.6846, 73.8100, 70.4824



66.6122, 73.8100, 97.5543

Rectangle

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



75.9237, 73.8100, 91.1341



76.7206, 73.8100, 74.8074



64.6846, 73.8100, 70.4824



63.9735, 73.8100, 86.1945

Sweetspot

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



75.9259, 73.8132, 91.1357



92.5554, 95.1748, 107.5628



69.2006, 70.3121, 92.3638



19.6715, 20.1023, 22.9476



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.



75.9259, 73.8132, 91.1357



85.6453, 81.8434, 103.7525



74.2210, 73.1313, 82.1582



16.3941, 16.0074, 19.6315



26.7669, 12.9792, 38.2848



2.2434, 1.0864, 3.2726

Inverse Universe

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



75.9259, 73.8132, 91.1357



85.6453, 81.8434, 103.7525



73.7645, 82.6343, 86.9275



16.3941, 16.0074, 19.6315



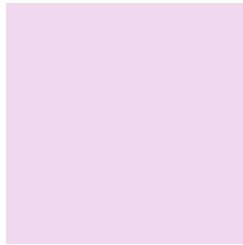
26.7669, 12.9792, 38.2848



2.2434, 1.0864, 3.2726

Previews

White Background



This preview shows how the XYZ color 75.9237, 73.8100, 91.1341 looks on a white background.

Color Contrast Check

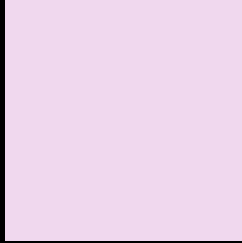
Large Text (above 18pt) WCAG AA × Fail

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 75.9237, 73.8100, 91.1341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

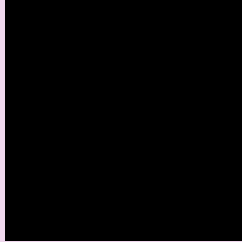
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9237, 73.8100, 91.1341

Background



This preview shows how black text looks on a background with the XYZ color 75.9237, 73.8100, 91.1341.



This preview shows how white text looks on a background with the XYZ color 75.9237, 73.8100,

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

75.9237, 73.8100, 91.1341

Protanopia

72.2725, 74.1830, 94.5140

Deuteranopia

75.5054, 73.9759, 91.1881



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

75.9237, 73.8100, 91.1341

Protanomaly

73.7835, 74.1953, 93.6514

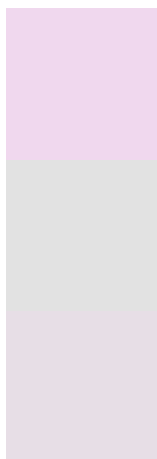
Deuteranomaly

75.8421, 74.1495, 91.2039

Tritanomaly

75.4049, 73.9746, 88.9015

Monochromacy



Original Color

75.9237, 73.8100, 91.1341

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3592, 74.9446, 85.4622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9237, 73.8100, 91.1341 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(240, 216, 238) looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 238)  
}
```

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(240, 216, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.9237, 73.8100, 91.1341 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(240, 216, 238) }
```


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

```
.border{ border-color:rgb(240, 216, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9237, 73.8100, 91.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 238) }
```

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

```
.background{ background-color: rgb(240,  
216, 238) }
```

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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