

Converting Colors

XYZ(75.2064, 74.6236, 83.2959)

Have a look what the booklet for
XYZ(75.2064, 74.6236, 83.2959)
contains.

XYZ(75.1318, 74.7344, 83.1383)	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(75.1318, 74.7344,
83.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE3
RGB	240, 219, 227
RGB Percent	94%, 86%, 89%
CMY	0.0588, 0.1412, 0.1098
CMYK	0.00, 0.09, 0.05, 0.06
HSL	337°, 41%, 90%
HSV	337°, 9%, 94%
XYZ	75.1318, 74.7344, 83.1383
YIQ	226.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

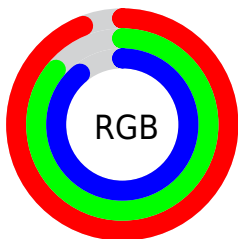
Format	Color
R_{YB}	240, 219, 227
Decimal	15784931
CIE Lab	89.27, 8.57, -1.30
CIE LCh	89, 8.664, 351.350
Yxy	74.7344, 0.3224, 0.3207
Android (android.graphics.Color)	4293975011 (0xFFFF0DBE3)
YUV	226.1910, 0.3988, 12.1105
Hunter-Lab	86.4491, 3.8463, 3.4950

Details

The XYZ color **75.1318, 74.7344, 83.1383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9419, 83.2083, 88.4590**, and the grayscale version is **72.4209, 76.1924, 82.9735**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4890, 39.7198, 44.5624** is the 20% darker color. If you saturate the color by 10%, you get **67.3534, 62.3188, 70.8596**, and if you desaturate by 10%, it is **83.9942, 89.0327, 96.6535**.

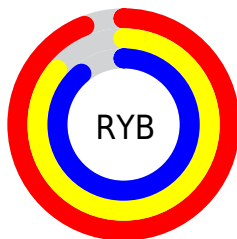
Distribution



Red (94%)

Green (86%)

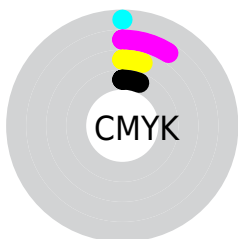
Blue (89%)



Red (94%)

Yellow (86%)

Blue (89%)

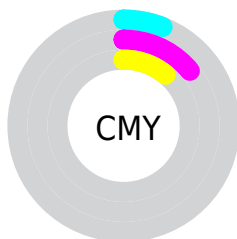


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (6%)



Cyan (6%)


Magenta (14%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1318, 74.7344, 83.1383 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 75.1318, 74.7344, 83.1383 by changing the saturation by 10% instead.


 75.1318, 74.7344,
83.1383

 75.1318, 74.7344,
83.1383


467.3607,
477.0042, 525.4304

 56.0154, 55.3953,
61.7630


125.4858,
125.9363, 139.6201

 40.4523, 39.7183,
44.4067


157.4542,
158.5680, 175.5637

 28.0772, 27.3190,
30.6508


194.4373,
196.3992, 217.2004

 18.5246, 17.8129,
20.0769

236.8004,
239.8146, 264.9488

 11.4292, 10.8158,
12.2663

284.9089,
289.1983, 319.2275

 6.4257, 5.9431,
6.8006

339.1283,

 3.1487, 2.8105,

344.9349, 380.4550

3.2611

399.8237,
407.4087, 449.0497

■ 1.2329, 1.0336,
1.2295

■ 0.1321, 0.0000,
0.0029

■ 75.1318, 74.7344,
83.1383

■ 75.1318, 74.7344,
83.1383

■ 67.3534, 62.3188,
70.8596

■ 83.9942, 89.0327,
96.6535

■ 60.6098, 51.6975,
59.7765

■ 89.7456, 97.2655,
108.6518

■ 54.8572, 42.7894,
49.8522

■ 50.0462, 35.5035,
41.0467

■ 46.1230, 29.7402,
33.3169

■ 43.0279, 25.3887,
26.6169

■ 40.6935, 22.3231,
20.8964

■ 39.0408, 20.3948,
16.0998

■ 37.9555, 19.3856,
12.1577

Harmonies

Analogous

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



74.2581, 74.7344, 88.8702



75.1318, 74.7344, 83.1383



74.8902, 74.7344, 77.2040

Triad

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



75.1318, 74.7344, 83.1383



69.5618, 74.7344, 70.9952



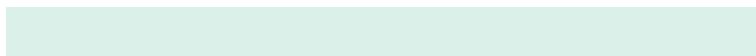
68.5217, 74.7344, 90.8172

Complementary

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



75.1318, 74.7344, 83.1383



74.9419, 83.2083, 88.4590

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.



67.3102, 74.7344, 85.6896



75.1318, 74.7344, 83.1383



67.9023, 74.7344, 74.3099

Square

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



75.1318, 74.7344, 83.1383



71.6465, 74.7344, 70.3878



67.0857, 74.7344, 79.6330



70.4226, 74.7344, 93.4457

Rectangle

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



75.1318, 74.7344, 83.1383



74.1313, 74.7344, 73.9147



67.0857, 74.7344, 79.6330



68.0219, 74.7344, 89.3169

Sweetspot

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



75.1339, 74.7377, 83.1399



91.9046, 94.9145, 104.1356



74.3248, 74.1053, 92.8254



19.4956, 20.0319, 22.0215



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.



75.1339, 74.7377, 83.1399



85.0091, 83.8202, 93.5234



74.6993, 75.5939, 77.6759



16.0219, 15.8585, 17.6714



20.7744, 10.5822, 6.7288



1.7752, 0.8991, 0.8073

Inverse Universe

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



75.1339, 74.7377, 83.1399



85.0091, 83.8202, 93.5234



75.3877, 82.2406, 94.3396



16.0219, 15.8585, 17.6714



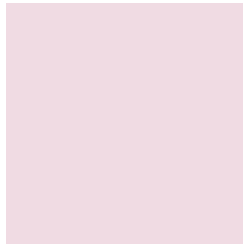
20.7744, 10.5822, 6.7288



1.7752, 0.8991, 0.8073

Previews

White Background



This preview shows how the XYZ color 75.1318, 74.7344, 83.1383 looks on a white background.

Color Contrast Check

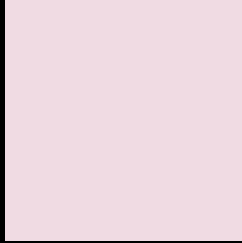
Large Text (above 18pt) WCAG AA × Fail

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 75.1318, 74.7344, 83.1383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

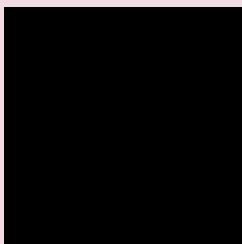
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1318, 74.7344, 83.1383

Background



This preview shows how black text looks on a background with the XYZ color 75.1318, 74.7344, 83.1383.

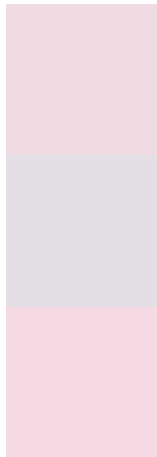


This preview shows how white text looks on a background with the XYZ color 75.1318, 74.7344,

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

75.1318, 74.7344, 83.1383

Protanopia

72.2091, 74.7634, 84.7537

Deuteranopia

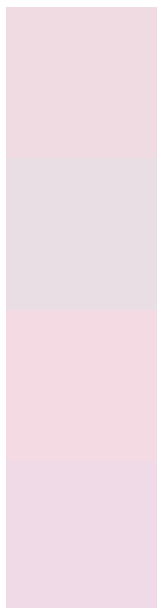
76.3342, 74.5842, 83.0460



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

75.1318, 74.7344, 83.1383

Protanomaly

73.4036, 74.9998, 84.0064

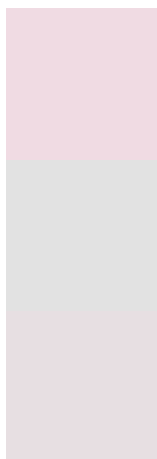
Deuteranomaly

75.8987, 74.7435, 83.0997

Tritanomaly

75.9125, 74.6698, 86.7556

Monochromacy



Original Color

75.1318, 74.7344, 83.1383

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.0701, 75.2553, 82.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1318, 74.7344, 83.1383 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, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 227)  
}
```

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, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.1318, 74.7344, 83.1383 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, 219, 227) }
```


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

```
.border{ border-color:rgb(240, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1318, 74.7344, 83.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 227) }
```

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

```
.background{ background-color: rgb(240,  
219, 227) }
```

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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