

Converting Colors

XYZ(74.3327, 74.6006, 79.1660)

Have a look what the booklet for
XYZ(74.3327, 74.6006, 79.1660)
contains.

XYZ(74.3178, 74.4088, 78.8520)	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(74.3178, 74.4088,
78.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBDD
RGB	240, 219, 221
RGB Percent	94%, 86%, 87%
CMY	0.0588, 0.1412, 0.1333
CMYK	0.00, 0.09, 0.08, 0.06
HSL	354°, 41%, 90%
HSV	354°, 9%, 94%
XYZ	74.3178, 74.4088, 78.8520
YIQ	225.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

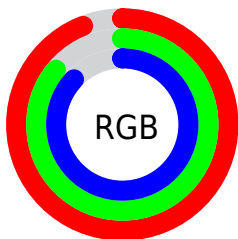
Format	Color
R _Y B	240, 219, 221
Decimal	15784925
CIE Lab	89.12, 7.55, 1.63
CIE LCh	89, 7.723, 12.184
Yxy	74.4088, 0.3266, 0.3270
Android (android.graphics.Color)	4293975005 (0xFFF0DBDD)
YUV	225.5070, -2.2220, 12.7104
Hunter-Lab	86.2605, 2.8308, 6.1845

Details

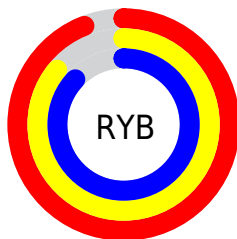
The XYZ color **74.3178, 74.4088, 78.8520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8089, 83.5550, 93.0251**, and the grayscale version is **71.9442, 75.6909, 82.4274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9256, 39.4944, 41.5953** is the 20% darker color. If you saturate the color by 10%, you get **65.7936, 61.6949, 62.6458**, and if you desaturate by 10%, it is **84.1233, 89.0844, 97.3340**.

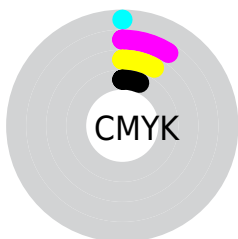
Distribution



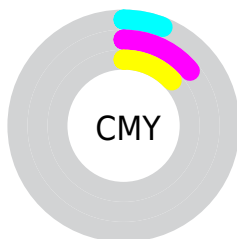
- Red (94%)
- Green (86%)
- Blue (87%)



- Red (94%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3178, 74.4088, 78.8520 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 74.3178, 74.4088, 78.8520 by changing the saturation by 10% instead.


 74.3178, 74.4088,
78.8520

 74.3178, 74.4088,
78.8520


464.6029,
475.8831, 510.6599

 55.3464, 55.1287,
58.2535


124.3393,
125.4751, 133.5473

 39.9141, 39.5048,
41.5965


156.1201,
158.0302, 168.4811

 27.6555, 27.1526,
28.4622


192.9014,
195.7789, 209.0306

 18.2052, 17.6879,
18.4323

235.0485,
239.1059, 255.6141

 11.1980, 10.7261,
11.0882

282.9269,
288.3954, 308.6502

 6.2685, 5.8830,
6.0113

336.9018,

 3.0512, 2.7741,

344.0318, 368.5576

2.7830

397.3387,
406.3996, 435.7546

■ 1.1809, 1.0149,
0.9849

■ 0.0912, 0.0000,
0.0000

■ 74.3178, 74.4088,
78.8520

■ 74.3178, 74.4088,
78.8520

■ 65.7936, 61.6949,
62.6458

■ 84.1233, 89.0844,
97.3340

■ 58.4916, 50.8503,
48.6226

■ 89.7455, 97.2654,
108.6518

■ 52.3577, 41.7897,
36.6905

■ 47.3310, 34.4175,
26.7492

■ 43.3452, 28.6291,
18.6900

■ 40.3269, 24.3083,
12.3938

■ 38.1928, 21.3228,
7.7281

■ 36.8457, 19.5168,
4.5411

■ 36.1494, 18.6632,
2.6472

Harmonies

Analogous

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



74.2228, 74.4088, 84.2291



74.3178, 74.4088, 78.8520



73.4373, 74.4088, 74.2601

Triad

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



74.3178, 74.4088, 78.8520



68.3223, 74.4088, 73.5832



69.6225, 74.4088, 91.2853

Complementary

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



74.3178, 74.4088, 78.8520



75.8089, 83.5550, 93.0251

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.



68.0771, 74.4088, 88.1751



74.3178, 74.4088, 78.8520



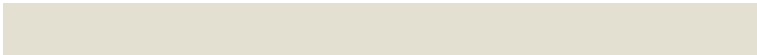
67.3356, 74.4088, 77.8906

Square

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



74.3178, 74.4088, 78.8520



69.9627, 74.4088, 71.3098



67.2467, 74.4088, 83.2244



71.4894, 74.4088, 91.5708

Rectangle

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



74.3178, 74.4088, 78.8520



72.4244, 74.4088, 72.1983



67.2467, 74.4088, 83.2244



69.0491, 74.4088, 90.5293

Sweetspot

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



74.3199, 74.4121, 78.8536



91.5632, 94.7779, 102.3378



76.2882, 75.1175, 92.9171



19.4037, 19.9952, 21.5379



0.0000, 0.0000, 0.0000



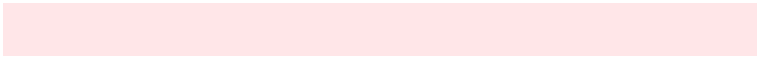
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3199, 74.4121, 78.8536



83.9525, 83.3976, 87.9598



76.3021, 78.7996, 78.2102



15.8338, 15.7832, 16.6811



19.7762, 10.1829, 1.4722



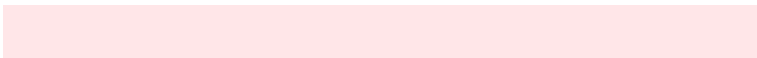
1.6657, 0.8553, 0.2304

Inverse Universe

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



74.3199, 74.4121, 78.8536



83.9525, 83.3976, 87.9598



73.6884, 78.8422, 93.7730



15.8338, 15.7832, 16.6811



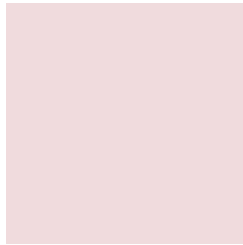
19.7762, 10.1829, 1.4722



1.6657, 0.8553, 0.2304

Previews

White Background



This preview shows how the XYZ color 74.3178, 74.4088, 78.8520 looks on a white background.

Color Contrast Check

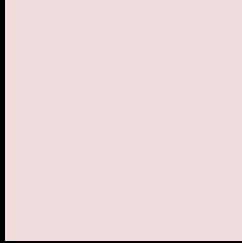
Large Text (above 18pt) WCAG AA × Fail

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 74.3178, 74.4088, 78.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

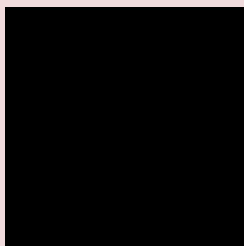
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

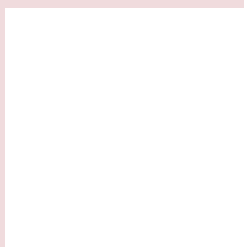
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3178, 74.4088, 78.8520

Background



This preview shows how black text looks on a background with the XYZ color 74.3178, 74.4088, 78.8520.

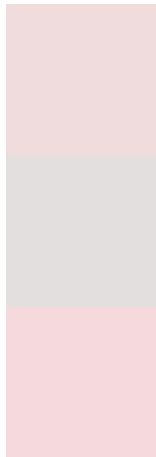


This preview shows how white text looks on a background with the XYZ color 74.3178, 74.4088,

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

74.3178, 74.4088, 78.8520

Protanopia

71.7019, 74.5970, 80.4316

Deuteranopia

75.8700, 74.4390, 78.7760



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

74.3178, 74.4088, 78.8520

Protanomaly

72.5848, 74.6723, 79.6948

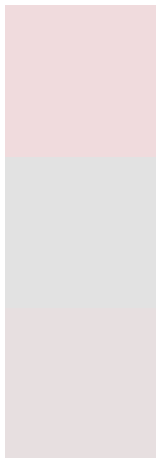
Deuteranomaly

75.4308, 74.5964, 78.8295

Tritanomaly

75.4899, 74.5007, 84.5301

Monochromacy



Original Color

74.3178, 74.4088, 78.8520

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7972, 75.1461, 81.1888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3178, 74.4088, 78.8520 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.3178, 74.4088, 78.8520 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, 221) }
```


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

```
.border{ border-color:rgb(240, 219, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3178, 74.4088, 78.8520 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, 221) }
```

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

```
.background{ background-color: rgb(240,  
219, 221) }
```

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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