

Converting Colors

XYZ(75.3909, 74.1427, 76.0562)

Have a look what the booklet for
XYZ(75.3909, 74.1427, 76.0562)
contains.

XYZ(75.3433, 74.2283, 76.0021)	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(75.3433, 74.2283,
76.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D9D9
RGB	246, 217, 217
RGB Percent	96%, 85%, 85%
CMY	0.0353, 0.1490, 0.1490
CMYK	0.00, 0.12, 0.12, 0.04
HSL	0°, 62%, 91%
HSV	0°, 12%, 96%
XYZ	75.3433, 74.2283, 76.0021
YIQ	225.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

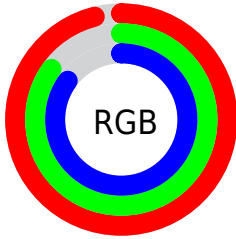
Format	Color
R _Y B	246, 217, 217
Decimal	16177625
CIE Lab	89.03, 10.03, 3.67
CIE LCh	89, 10.677, 20.126
Yxy	74.2283, 0.3340, 0.3291
Android (android.graphics.Color)	4294367705 (0xFFFF6D9D9)
YUV	225.6710, -4.2748, 17.8285
Hunter-Lab	86.1558, 5.3255, 8.0066

Details

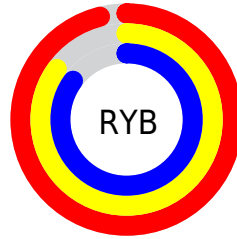
The XYZ color **75.3433, 74.2283, 76.0021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2052, 87.3154, 99.9213**, and the grayscale version is **72.0741, 75.8275, 82.5762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4282, 39.2681, 39.6311** is the 20% darker color. If you saturate the color by 10%, you get **66.5051, 61.2960, 58.4288**, and if you desaturate by 10%, it is **85.6075, 89.2477, 96.4056**.

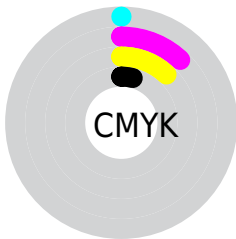
Distribution



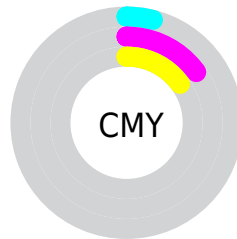
- Red (96%)
- Green (85%)
- Blue (85%)



- Red (96%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3433, 74.2283, 76.0021 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 75.3433, 74.2283, 76.0021 by changing the saturation by 10% instead.


 75.3433, 74.2283,
76.0021

 75.3433, 74.2283,
76.0021


468.0757,
475.2609, 500.7019

 56.1893, 54.9809,
55.9276


125.7835,
125.2194, 129.4900

 40.5923, 39.3864,
39.7412


157.8005,
157.7319, 163.7404

 28.1870, 27.0605,
27.0246


194.8358,
195.4349, 203.5532

 18.6078, 17.6187,
17.3591

237.2549,
238.7127, 249.3470

 11.4896, 10.6766,
10.3262

285.4231,
287.9499, 301.5402

 6.4668, 5.8498,
5.5073

339.7057,

 3.1743, 2.7540,

343.5307, 360.5514

2.4840

400.4681,
405.8396, 426.7991

■ 1.2466, 1.0047,
0.8317

■ 0.1427, 0.0000,
0.0000

■ 75.3433, 74.2283,
76.0021

■ 75.3433, 74.2283,
76.0021

■ 66.5051, 61.2960,
58.4288

■ 85.6075, 89.2477,
96.4056

■ 59.0239, 50.3491,
43.5562

■ 91.8164, 98.3330,
108.7487

■ 52.8346, 41.2923,
31.2521

■ 47.8640, 34.0188,
21.3710

■ 44.0317, 28.4108,
13.7530

■ 41.2476, 24.3367,
8.2192

■ 39.4082, 21.6449,
4.5634

■ 38.3888, 20.1529,
2.5378

■ 38.0068, 19.5938,
1.7788

Harmonies

Analogous

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



75.5847, 74.2283, 83.2984



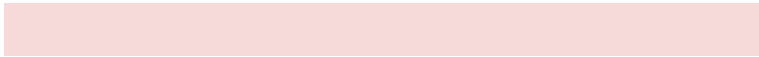
75.3433, 74.2283, 76.0021



73.8007, 74.2283, 70.3394

Triad

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



75.3433, 74.2283, 76.0021



66.7897, 74.2283, 71.9988



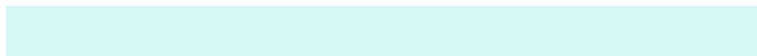
69.6992, 74.2283, 95.7403

Complementary

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



75.3433, 74.2283, 76.0021



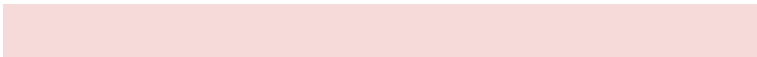
78.2052, 87.3154, 99.9213

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.



67.3997, 74.2283, 92.2975



75.3433, 74.2283, 76.0021



65.7473, 74.2283, 78.3951

Square

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



75.3433, 74.2283, 76.0021



68.8481, 74.2283, 68.1283



65.9678, 74.2283, 85.8415



72.2833, 74.2283, 95.0020

Rectangle

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



75.3433, 74.2283, 76.0021



72.2624, 74.2283, 68.1091



65.9678, 74.2283, 85.8415



68.8684, 74.2283, 95.0259

Sweetspot

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



75.3454, 74.2316, 76.0037



90.2833, 93.0252, 99.4234



79.4544, 75.8734, 97.6470



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



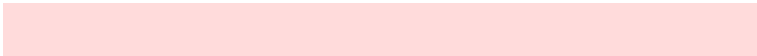
20.3446, 21.4041, 23.3091

Same Dimension

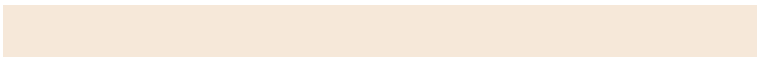
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3454, 74.2316, 76.0037



79.4770, 77.2128, 77.9398



79.2474, 82.0357, 77.3044



16.4994, 16.4829, 17.1095



20.2865, 10.4585, 0.9495



1.7831, 0.9193, 0.0835

Inverse Universe

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



78.2052, 87.3154, 99.9213



83.1121, 93.8432, 108.3408



73.9669, 78.8387, 98.5086



16.9966, 18.7574, 21.2673



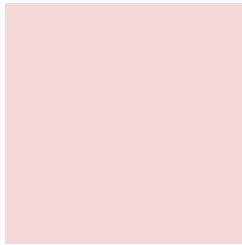
26.4635, 38.7208, 52.6171



2.3260, 3.4033, 4.6246

Previews

White Background



This preview shows how the XYZ color 75.3433, 74.2283, 76.0021 looks on a white background.

Color Contrast Check

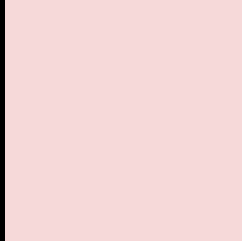
Large Text (above 18pt) WCAG AA × Fail

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 75.3433, 74.2283, 76.0021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

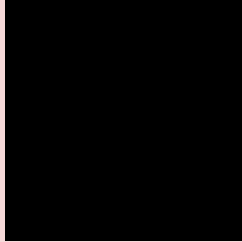
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3433, 74.2283, 76.0021

Background



This preview shows how black text looks on a background with the XYZ color 75.3433, 74.2283, 76.0021.

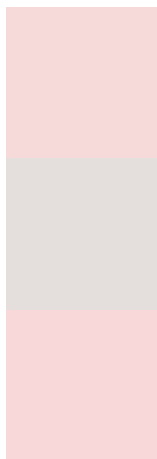


This preview shows how white text looks on a background with the XYZ color 75.3433, 74.2283,

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

75.3433, 74.2283, 76.0021

Protanopia

71.3009, 74.4366, 78.3199

Deuteranopia

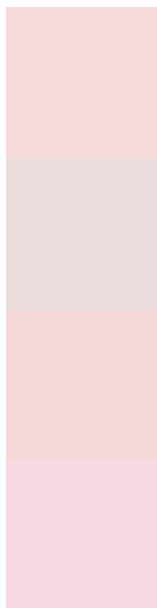
75.7917, 74.0779, 75.9495



Tritanopia

77.5773, 74.3835, 86.6126

Trichromacy



Original Color

75.3433, 74.2283, 76.0021

Protanomaly

72.9036, 74.4895, 77.5533

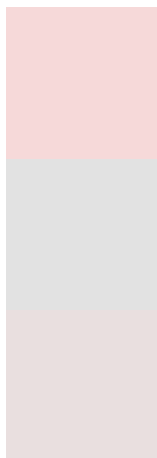
Deuteranomaly

75.4380, 73.8956, 75.9329

Tritanomaly

76.7788, 74.4319, 82.9932

Monochromacy



Original Color

75.3433, 74.2283, 76.0021

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3112, 75.4267, 80.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3433, 74.2283, 76.0021 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(246, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 217)  
}
```

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(246, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.3433, 74.2283, 76.0021 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(246, 217, 217) }
```


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

```
.border{ border-color:rgb(246, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3433, 74.2283, 76.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 217) }
```

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

```
.background{ background-color: rgb(246,  
217, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor