

Converting Colors

XYZ(76.2001, 75.5653, 77.2166)

Have a look what the booklet for
XYZ(76.2001, 75.5653, 77.2166)
contains.

XYZ(75.9924, 75.3178, 76.8622)	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(75.9924, 75.3178,
76.8622)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DBDA
RGB	246, 219, 218
RGB Percent	96%, 86%, 85%
CMY	0.0353, 0.1412, 0.1451
CMYK	0.00, 0.11, 0.11, 0.04
HSL	2°, 61%, 91%
HSV	2°, 11%, 96%
XYZ	75.9924, 75.3178, 76.8622
YIQ	226.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

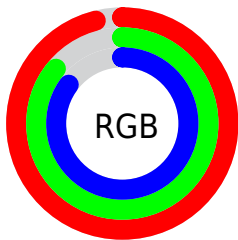
Format	Color
R _Y B	246, 219, 218
Decimal	16178138
CIE Lab	89.54, 9.15, 3.89
CIE LCh	90, 9.938, 23.034
Yxy	75.3178, 0.3330, 0.3301
Android (android.graphics.Color)	4294368218 (0xFFFF6DBDA)
YUV	226.9590, -4.4168, 16.6990
Hunter-Lab	86.7858, 4.4250, 8.2397

Details

The XYZ color **75.9924, 75.3178, 76.8622** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1999, 86.8623, 99.8340**, and the grayscale version is **73.0083, 76.8105, 83.6466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1215, 40.1424, 40.2313** is the 20% darker color. If you saturate the color by 10%, you get **67.2566, 62.6207, 59.2294**, and if you desaturate by 10%, it is **86.0918, 89.9758, 97.3085**.

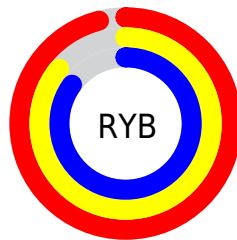
Distribution



Red (96%)

Green (86%)

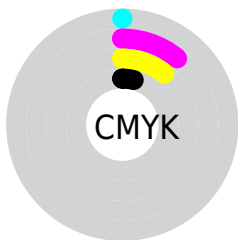
Blue (85%)



Red (96%)

Yellow (86%)

Blue (85%)

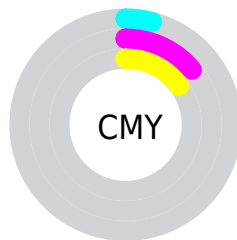


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (14%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9924, 75.3178, 76.8622 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 75.9924, 75.3178, 76.8622 by changing the saturation by 10% instead.


 75.9924, 75.3178,
76.8622

 75.9924, 75.3178,
76.8622


470.2665,
479.0092, 503.7193

 56.7233, 55.8733,
56.6289


126.6966,
126.7621, 130.7162

 41.0224, 40.1013,
40.3000


158.8624,
159.5307, 165.1739

 28.5243, 27.6176,
27.4570


196.0578,
197.5095, 205.2103

 18.8638, 18.0376,
17.6812

238.6482,
241.0827, 251.2437

 11.6753, 10.9770,
10.5543

286.9989,
290.6350, 303.6928

 6.5936, 6.0513,
5.6576

341.4752,

 3.2533, 2.8763,

346.5505, 362.9760

2.5726

402.4427,
409.2138, 429.5120

■ 1.2891, 1.0675,
0.8783

■ 0.1750, 0.0000,
0.0000

■ 75.9924, 75.3178,
76.8622

■ 75.9924, 75.3178,
76.8622

■ 67.2566, 62.6207,
59.2294

■ 86.0918, 89.9758,
97.3085

■ 59.8201, 51.7920,
44.2824

■ 91.8164, 98.3330,
108.7487

■ 53.6226, 42.7465,
31.8909

■ 48.5970, 35.3886,
21.9120

■ 44.6693, 29.6139,
14.1884

■ 41.7575, 25.3061,
8.5446

■ 39.7679, 22.3333,
4.7790

■ 38.5895, 20.5396,
2.6499

■ 38.1021, 19.7846,
1.8106

Harmonies

Analogous

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



76.3462, 75.3178, 83.6486



75.9924, 75.3178, 76.8622



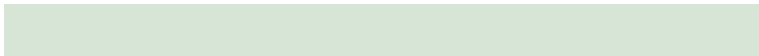
74.4459, 75.3178, 71.7339

Triad

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



75.9924, 75.3178, 76.8622



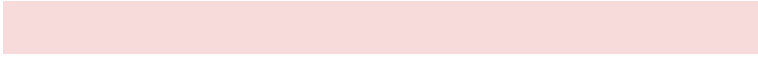
67.9036, 75.3178, 74.1907



71.0198, 75.3178, 96.0821

Complementary

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



75.9924, 75.3178, 76.8622



78.1999, 86.8623, 99.8340

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.



68.8029, 75.3178, 93.2196



75.9924, 75.3178, 76.8622



67.0304, 75.3178, 80.3895

Square

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



75.9924, 75.3178, 76.8622



69.7671, 75.3178, 70.2538



67.3558, 75.3178, 87.3791



73.4389, 75.3178, 95.0058

Rectangle

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



75.9924, 75.3178, 76.8622



72.9651, 75.3178, 69.8158



67.3558, 75.3178, 87.3791



70.2270, 75.3178, 95.5435

Sweetspot

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



75.9945, 75.3211, 76.8638



91.5346, 94.9011, 101.7725



79.5699, 76.3333, 96.9803



19.3961, 20.0283, 21.3861



0.0000, 0.0000, 0.0000



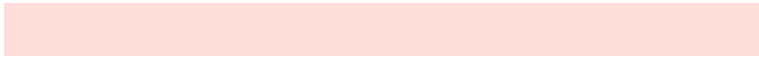
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9945, 75.3211, 76.8638



79.8116, 77.8820, 78.0513



79.7818, 82.8958, 78.1262



16.5468, 16.5777, 17.1253



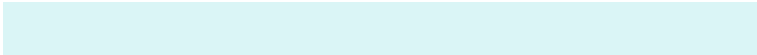
20.3586, 10.6029, 0.9735



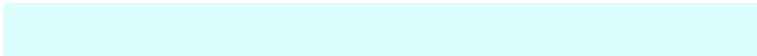
1.8058, 0.9648, 0.0911

Inverse Universe

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



78.1999, 86.8623, 99.8340



82.7066, 93.0323, 108.2057



74.1435, 78.7494, 98.4819



16.9428, 18.6498, 21.2494



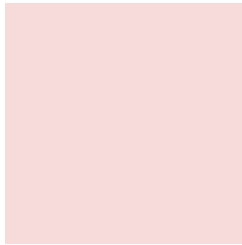
25.0939, 35.9815, 52.1606



2.2212, 3.1937, 4.5896

Previews

White Background



This preview shows how the XYZ color 75.9924, 75.3178, 76.8622 looks on a white background.

Color Contrast Check

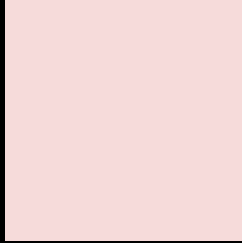
Large Text (above 18pt) WCAG AA × Fail

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 75.9924, 75.3178, 76.8622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

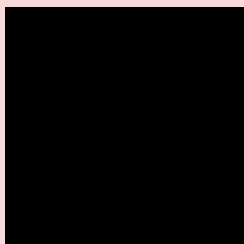
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

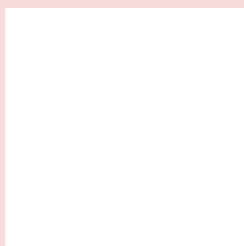
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9924, 75.3178, 76.8622

Background



This preview shows how black text looks on a background with the XYZ color 75.9924, 75.3178, 76.8622.



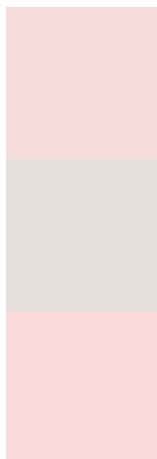
This preview shows how white text looks on a background with the XYZ color 75.9924, 75.3178,

76.8622.

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

75.9924, 75.3178, 76.8622

Protanopia

72.3399, 75.3548, 79.1388

Deuteranopia

76.7932, 75.3445, 76.8252



Tritanopia

78.3755, 75.5227, 88.2884

Trichromacy



Original Color

75.9924, 75.3178, 76.8622

Protanomaly

73.6316, 75.2427, 78.3526

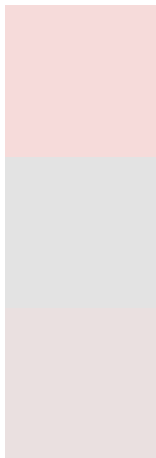
Deuteranomaly

76.4377, 75.1612, 76.8085

Tritanomaly

77.4328, 75.5184, 83.8942

Monochromacy



Original Color

75.9924, 75.3178, 76.8622

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.0419, 76.1856, 81.3239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9924, 75.3178, 76.8622 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, 219, 218) looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 218)  
}
```

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, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.9924, 75.3178, 76.8622 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, 219, 218) }
```


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

```
.border{ border-color:rgb(246, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9924, 75.3178, 76.8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 218) }
```

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

```
.background{ background-color: rgb(246,  
219, 218) }
```

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