

Converting Colors

XYZ(74.4474, 74.3556, 76.5902)

Have a look what the booklet for
XYZ(74.4474, 74.3556, 76.5902)
contains.

XYZ(74.6044, 74.6022, 76.7973)	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(74.6044, 74.6022,
76.7973)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DBDA
RGB	242, 219, 218
RGB Percent	95%, 86%, 85%
CMY	0.0510, 0.1412, 0.1451
CMYK	0.00, 0.10, 0.10, 0.05
HSL	3°, 48%, 90%
HSV	3°, 10%, 95%
XYZ	74.6044, 74.6022, 76.7973
YIQ	225.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

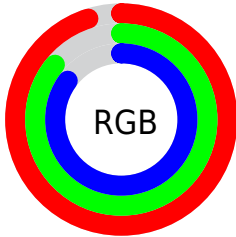
Format	Color
R _Y B	242, 219, 218
Decimal	15915994
CIE Lab	89.21, 7.75, 3.36
CIE LCh	89, 8.446, 23.447
Yxy	74.6022, 0.3301, 0.3301
Android (android.graphics.Color)	4294106074 (0xFFF2DBDA)
YUV	225.7630, -3.8272, 14.2398
Hunter-Lab	86.3726, 3.0276, 7.7437

Details

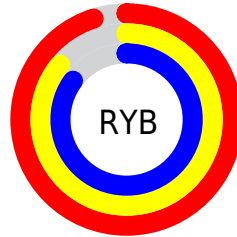
The XYZ color **74.6044, 74.6022, 76.7973** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3956, 84.2255, 96.2361**, and the grayscale version is **72.1390, 75.8958, 82.6505**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1360, 39.6344, 40.1851** is the 20% darker color. If you saturate the color by 10%, you get **66.0326, 62.1614, 59.4402**, and if you desaturate by 10%, it is **84.4854, 88.9198, 96.8737**.

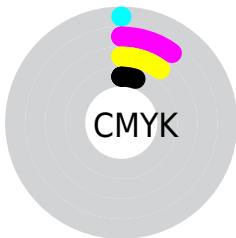
Distribution



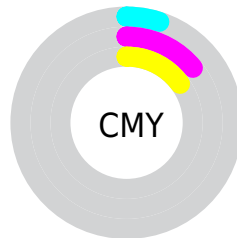
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6044, 74.6022, 76.7973 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 74.6044, 74.6022, 76.7973 by changing the saturation by 10% instead.


 74.6044, 74.6022,
76.7973

 74.6044, 74.6022,
76.7973


465.5749,
476.5492, 503.4919

 55.5819, 55.2871,
56.5760


124.7431,
125.7491, 130.6237

 40.1035, 39.6316,
40.2578


156.5900,
158.3496, 165.0659

 27.8038, 27.2514,
27.4243


193.4425,
196.1475, 205.0853

 18.3175, 17.7621,
17.6569

235.6658,
239.5269, 251.1007

 11.2793, 10.7794,
10.5370

283.6253,
288.8724, 303.5305

 6.3237, 5.9187,
5.6462

337.6865,

 3.0854, 2.7957,

344.5684, 362.7933

2.5659

398.2145,
406.9992, 429.3076

■ 1.1991, 1.0260,
0.8748

■ 0.1056, 0.0000,
0.0000

■ 74.6044, 74.6022,
76.7973

■ 74.6044, 74.6022,
76.7973

■ 66.0326, 62.1614,
59.4402

■ 84.4854, 88.9198,
96.8737

■ 58.7092, 51.5102,
44.6809

■ 90.4284, 97.6175,
108.6837

■ 52.5778, 42.5694,
32.3961

■ 47.5754, 35.2498,
22.4503

■ 43.6330, 29.4544,
14.6951

■ 40.6742, 25.0755,
8.9651

■ 38.6123, 21.9917,
5.0715

■ 37.3454, 20.0610,
2.7900

■ 36.7315, 19.1019,
1.7568

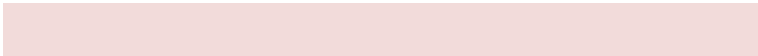
Harmonies

Analogous

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



74.9165, 74.6022, 82.5308



74.6044, 74.6022, 76.7973



73.2930, 74.6022, 72.4509

Triad

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



74.6044, 74.6022, 76.7973



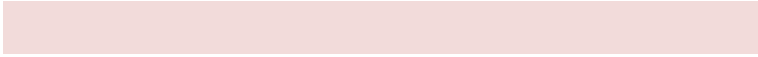
67.7719, 74.6022, 74.6571



70.4560, 74.6022, 93.0312

Complementary

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



74.6044, 74.6022, 76.7973



76.3956, 84.2255, 96.2361

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.



68.5737, 74.6022, 90.6892



74.6044, 74.6022, 76.7973



67.0435, 74.6022, 79.9412

Square

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



74.6044, 74.6022, 76.7973



69.3423, 74.6022, 71.2577



67.3341, 74.6022, 85.8282



72.4954, 74.6022, 92.0899

Rectangle

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



74.6044, 74.6022, 76.7973



72.0419, 74.6022, 70.8309



67.3341, 74.6022, 85.8282



69.7844, 74.6022, 92.5983

Sweetspot

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



74.6065, 74.6055, 76.7989



91.5486, 94.9291, 101.7772



77.5975, 75.3840, 93.8376



19.3998, 20.0358, 21.3874



0.0000, 0.0000, 0.0000



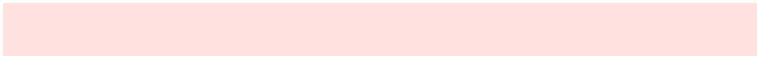
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6065, 74.6055, 76.7989



81.8583, 80.8825, 82.1032



77.7939, 80.9803, 77.8614



15.8258, 15.8648, 16.3778



19.7548, 10.3078, 0.9484



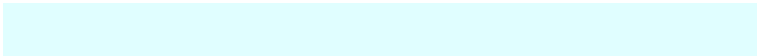
1.6620, 0.8946, 0.0851

Inverse Universe

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



76.3956, 84.2255, 96.2361



84.2676, 93.8372, 108.2788



73.0162, 77.4667, 95.1096



16.1874, 17.8089, 20.3059



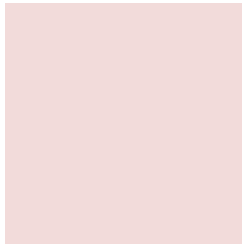
24.1193, 34.4629, 50.5087



2.0240, 2.9019, 4.2077

Previews

White Background



This preview shows how the XYZ color 74.6044, 74.6022, 76.7973 looks on a white background.

Color Contrast Check

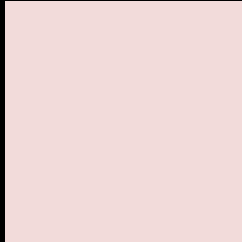
Large Text (above 18pt) WCAG AA × Fail

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 74.6044, 74.6022, 76.7973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

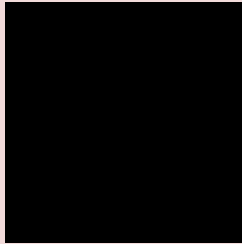
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

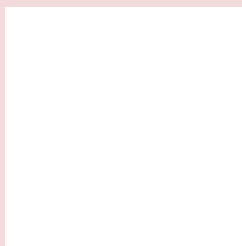
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6044, 74.6022, 76.7973

Background



This preview shows how black text looks on a background with the XYZ color 74.6044, 74.6022, 76.7973.

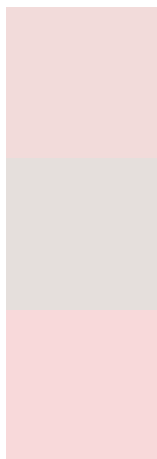


This preview shows how white text looks on a background with the XYZ color 74.6044, 74.6022,

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

74.6044, 74.6022, 76.7973

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

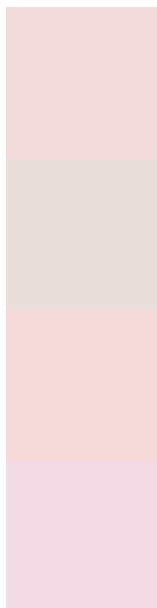
76.1791, 74.6441, 76.7223



Tritanopia

76.9724, 74.7993, 88.2227

Trichromacy



Original Color

74.6044, 74.6022, 76.7973

Protanomaly

72.8391, 74.8495, 77.6262

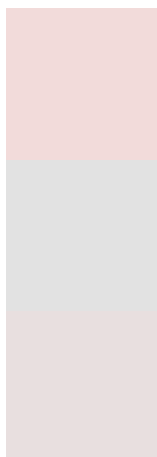
Deuteranomaly

75.7323, 74.7976, 76.7755

Tritanomaly

76.0371, 74.7989, 83.8288

Monochromacy



Original Color

74.6044, 74.6022, 76.7973

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9857, 75.2589, 80.4917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6044, 74.6022, 76.7973 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(242, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.6044, 74.6022, 76.7973 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(242, 219, 218) }
```


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

```
.border{ border-color:rgb(242, 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(242, 219, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6044, 74.6022, 76.7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 218) }
```

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

```
.background{ background-color: rgb(242,  
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