

Converting Colors

XYZ(74.0688, 75.9792, 64.3620)

Have a look what the booklet for
XYZ(74.0688, 75.9792, 64.3620)
contains.

XYZ(74.2369, 76.2650, 64.2340)	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(74.2369, 76.2650,
64.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFC6
RGB	245, 223, 198
RGB Percent	96%, 87%, 78%
CMY	0.0392, 0.1255, 0.2235
CMYK	0.00, 0.09, 0.19, 0.04
HSL	32°, 70%, 87%
HSV	32°, 19%, 96%
XYZ	74.2369, 76.2650, 64.2340
YIQ	226.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

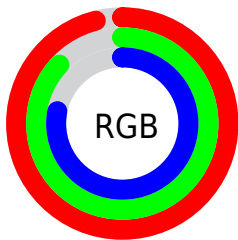
Format	Color
R _Y B	239, 245, 198
Decimal	16113606
CIE Lab	89.98, 3.65, 14.99
CIE LCh	90, 15.427, 76.331
Yxy	76.2650, 0.3457, 0.3552
Android (android.graphics.Color)	4294303686 (0xFFF5DFC6)
YUV	226.7280, -14.1629, 16.0245
Hunter-Lab	87.3298, -1.0888, 17.5211

Details

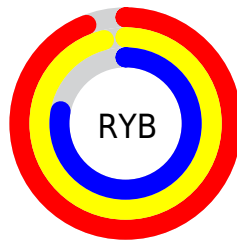
The XYZ color **74.2369, 76.2650, 64.2340** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3630, 69.7832, 96.4113**, and the grayscale version is **72.9066, 76.7034, 83.5300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7757, 40.7102, 32.1470** is the 20% darker color. If you saturate the color by 10%, you get **68.6766, 69.3066, 49.5480**, and if you desaturate by 10%, it is **80.4659, 83.8280, 81.3998**.

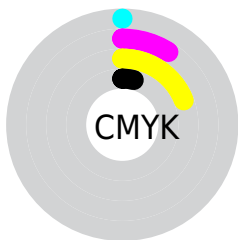
Distribution



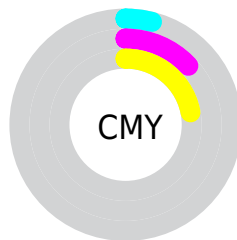
- Red (96%)
- Green (87%)
- Blue (78%)



- Red (94%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2369, 76.2650, 64.2340 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 74.2369, 76.2650, 64.2340 by changing the saturation by 10% instead.


 74.2369, 76.2650,
64.2340

 74.2369, 76.2650,
64.2340


464.3283,
482.2544, 458.2648

 55.2799, 56.6498,
46.3928


124.2253,
128.1014, 112.5506

 39.8606, 40.7242,
32.2050


155.9874,
161.0915, 143.8631

 27.6136, 28.1036,
21.2520


192.7486,
199.3086, 180.5031

 18.1736, 18.4038,
13.1153

234.8742,
243.1372, 222.8891

 11.1751, 11.2403,
7.3763

282.7296,
292.9617, 271.4398

 6.2529, 6.2287,
3.6166

336.6802,

 3.0416, 2.9846,

349.1665, 326.5736

1.4174

397.0913,
412.1359, 388.7091

■ 1.1758, 1.1237,
0.1553

■ 0.0871, 0.0000,
0.0000

■ 74.2369, 76.2650,
64.2340

■ 74.2369, 76.2650,
64.2340

■ 68.6766, 69.3066,
49.5480

■ 80.4659, 83.8280,
81.3998

■ 63.7529, 62.9257,
37.2202

■ 87.3819, 92.0015,
101.1498

■ 59.4399, 57.1077,
27.1256

■ 91.4664, 98.1526,
108.7323

■ 55.7072, 51.8337,
19.1258

■ 52.5214, 47.0829,
13.0667

■ 49.8446, 42.8329,
8.7726

■ 47.6330, 39.0583,
6.0354

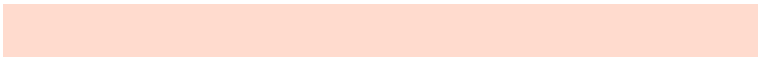
■ 45.8214, 35.7251,
4.5380

■ 45.6849, 35.4696,
4.4385

Harmonies

Analogous

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



77.6775, 76.2650, 68.7365



74.2369, 76.2650, 64.2340



70.4422, 76.2650, 64.4473

Triad

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



74.2369, 76.2650, 64.2340



65.6661, 76.2650, 89.0950



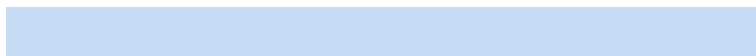
77.9304, 76.2650, 98.4250

Complementary

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



74.2369, 76.2650, 64.2340



65.3630, 69.7832, 96.4113

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.



74.5722, 76.2650, 104.9024



74.2369, 76.2650, 64.2340



67.5341, 76.2650, 99.2008

Square

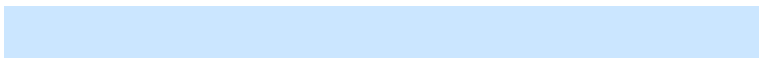
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2369, 76.2650, 64.2340



65.5834, 76.2650, 78.1680



70.7660, 76.2650, 105.1982



79.8601, 76.2650, 88.1095

Rectangle

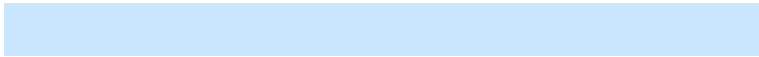
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2369, 76.2650, 64.2340



68.2233, 76.2650, 67.2224



70.7660, 76.2650, 105.1982



76.9260, 76.2650, 101.1616

Sweetspot

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



74.2389, 76.2684, 64.2356



90.4418, 94.5698, 95.6916



70.8645, 65.0070, 77.0224



19.2545, 20.1185, 20.1877



0.0000, 0.0000, 0.0000



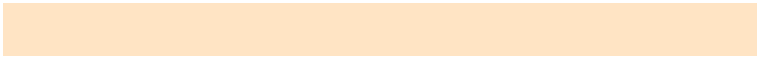
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2389, 76.2684, 64.2356



78.8642, 80.5025, 63.8156



80.2296, 88.6546, 66.3106



17.2291, 17.9424, 17.3527



24.7513, 19.3881, 2.4378



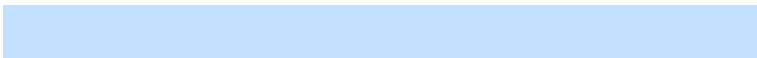
2.2783, 1.9097, 0.2485

Inverse Universe

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



65.3630, 69.7832, 96.4113



67.5073, 72.2052, 104.9867



60.1722, 59.0943, 94.6217



16.2205, 17.2054, 21.0086



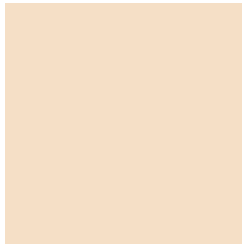
12.2964, 10.3866, 47.8948



1.1826, 1.1167, 4.2434

Previews

White Background



This preview shows how the XYZ color 74.2369, 76.2650, 64.2340 looks on a white background.

Color Contrast Check

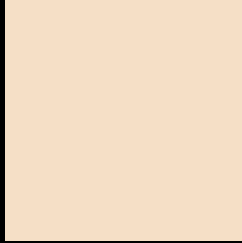
Large Text (above 18pt) WCAG AA × Fail

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 74.2369, 76.2650, 64.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

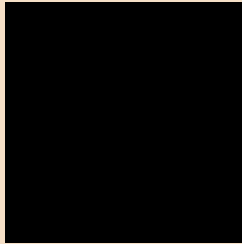
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2369, 76.2650, 64.2340

Background



This preview shows how black text looks on a background with the XYZ color 74.2369, 76.2650, 64.2340.

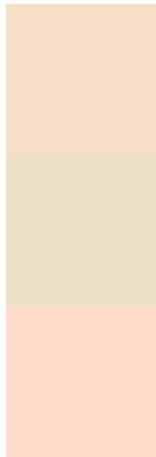


This preview shows how white text looks on a background with the XYZ color 74.2369, 76.2650,

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

74.2369, 76.2650, 64.2340

Protanopia

72.4302, 76.5208, 64.9853

Deuteranopia

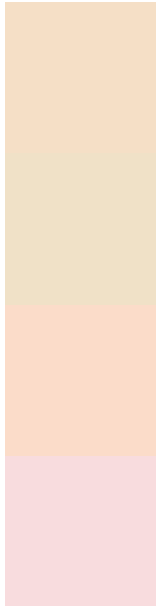
77.2322, 76.1873, 66.5122



Tritanopia

79.4911, 76.4650, 89.1668

Trichromacy



Original Color

74.2369, 76.2650, 64.2340

Protanomaly

73.1692, 76.4992, 64.9422

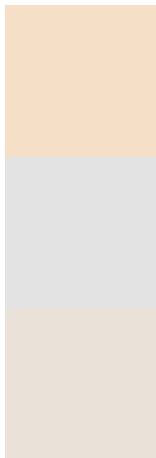
Deuteranomaly

75.9195, 75.9127, 65.9096

Tritanomaly

77.4894, 76.4168, 79.7730

Monochromacy



Original Color

74.2369, 76.2650, 64.2340

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5227, 76.8430, 75.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2369, 76.2650, 64.2340 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(245, 223, 198)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 198)  
}
```

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(245, 223, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.2369, 76.2650, 64.2340 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(245, 223, 198) }
```


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

```
.border{ border-color:rgb(245, 223, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 223, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 223, 198); box-shadow:4px 4px 4px 4px rgb(245, 223, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2369, 76.2650, 64.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 198) }
```

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

```
.background{ background-color: rgb(245,  
223, 198) }
```

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