

Converting Colors

XYZ(75.8161, 79.1483, 73.1731)

Have a look what the booklet for
XYZ(75.8161, 79.1483, 73.1731)
contains.

XYZ(75.7124, 79.2670, 72.9376)	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(75.7124, 79.2670,
72.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E5D3
RGB	240, 229, 211
RGB Percent	94%, 90%, 83%
CMY	0.0588, 0.1019, 0.1725
CMYK	0.00, 0.05, 0.12, 0.06
HSL	37°, 49%, 88%
HSV	37°, 12%, 94%
XYZ	75.7124, 79.2670, 72.9376
YIQ	230.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

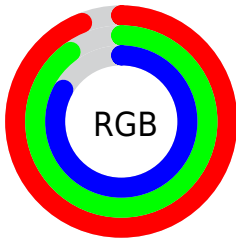
Format	Color
RYB	229, 240, 211
Decimal	15787475
CIELab	91.35, 0.76, 10.10
CIELCh	91, 10.128, 85.700
Yxy	79.2670, 0.3322, 0.3478
Android (android.graphics.Color)	4293977555 (0xFFFF0E5D3)
YUV	230.2370, -9.4838, 8.5622
Hunter-Lab	89.0320, -4.0105, 13.7503

Details

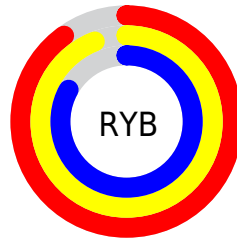
The XYZ color **75.7124, 79.2670, 72.9376** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.7133, 72.3815, 92.7884**, and the grayscale version is **75.4527, 79.3821, 86.4471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9040, 42.8628, 37.5700** is the 20% darker color. If you saturate the color by 10%, you get **70.4739, 73.2504, 57.4390**, and if you desaturate by 10%, it is **81.5365, 85.7343, 90.8496**.

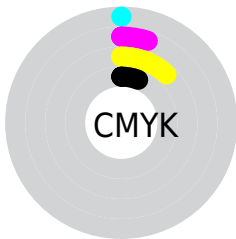
Distribution



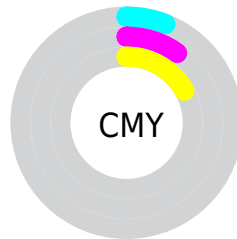
- Red (94%)
- Green (90%)
- Blue (83%)



- Red (90%)
- Yellow (94%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7124, 79.2670, 72.9376 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 75.7124, 79.2670, 72.9376 by changing the saturation by 10% instead.

75.7124, 79.2670,
72.9376

75.7124, 79.2670,
72.9376

469.3222,
492.4591, 489.8635

56.4929, 59.1154,
53.4334

126.3028,
132.3347, 125.1087

40.8368, 42.7060,
37.7588

158.4045,
166.0195, 158.6127

28.3787, 29.6545,
25.4952

195.5309,
204.9842, 197.6205

18.7532, 19.5765,
16.2240

238.0475,
249.6131, 242.5504

11.5951, 12.0876,
9.5267

286.3195,
300.2907, 293.8212

6.5388, 6.8033,
4.9848

340.7124,

3.2191, 3.3394,

357.4013, 351.8512

2.1798

401.5915,
421.3293, 417.0592

■ 1.2707, 1.3114,
0.6627

■ 0.1611, 0.1500,
0.0000

■ 75.7124, 79.2670,
72.9376

■ 75.7124, 79.2670,
72.9376

■ 70.4739, 73.2504,
57.4390

■ 81.5365, 85.7343,
90.8496

■ 65.7926, 67.6620,
44.2435

■ 87.3092, 92.3928,
107.8396

■ 61.6475, 62.4928,
33.2398

■ 89.7456, 97.2655,
108.6518

■ 58.0132, 57.7293,
24.3053

■ 54.8620, 53.3570,
17.3052

■ 52.1634, 49.3601,
12.0885

■ 49.8821, 45.7208,
8.4815

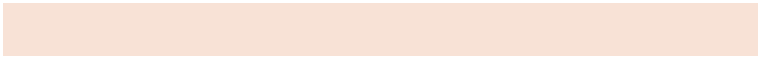
■ 47.9763, 42.4188,
6.2751

■ 46.6834, 40.0210,
5.2644

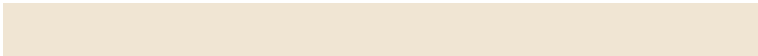
Harmonies

Analogous

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



78.1631, 79.2670, 75.1257



75.7124, 79.2670, 72.9376



73.2159, 79.2670, 74.1615

Triad

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



75.7124, 79.2670, 72.9376



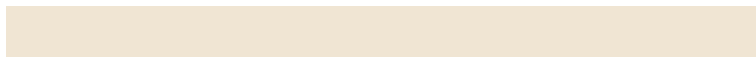
70.9708, 79.2670, 92.5991



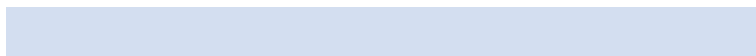
79.5018, 79.2670, 94.5406

Complementary

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



75.7124, 79.2670, 72.9376



68.7133, 72.3815, 92.7884

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.



77.5066, 79.2670, 99.7139



75.7124, 79.2670, 72.9376



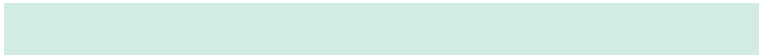
72.5875, 79.2670, 98.5490

Square

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



75.7124, 79.2670, 72.9376



70.5149, 79.2670, 85.2505



74.9706, 79.2670, 101.2206



80.3823, 79.2670, 87.3748

Rectangle

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



75.7124, 79.2670, 72.9376



71.8556, 79.2670, 76.7869



74.9706, 79.2670, 101.2206



78.9371, 79.2670, 96.5859

Sweetspot

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



75.7146, 79.2705, 72.9393



92.2295, 96.9176, 100.0722



72.4309, 70.3951, 78.9604



19.6300, 20.6223, 21.0753



0.0000, 0.0000, 0.0000



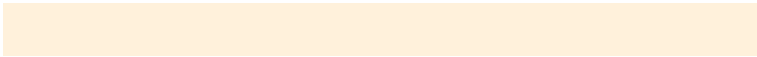
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7146, 79.2705, 72.9393



85.6585, 89.5759, 80.0003



77.7161, 84.9629, 73.9326



16.5902, 17.3935, 16.6326



25.6872, 22.1725, 2.9259



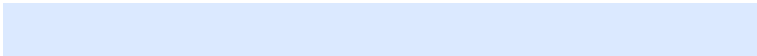
2.2325, 2.0357, 0.2753

Inverse Universe

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



68.7133, 72.3815, 92.7884



76.4463, 80.5117, 106.1189



66.8671, 67.2349, 91.8923



15.3884, 16.2110, 20.0396



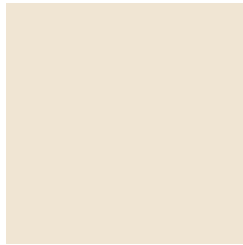
10.7759, 7.7761, 46.0609



0.9894, 0.8328, 3.8628

Previews

White Background



This preview shows how the XYZ color 75.7124, 79.2670, 72.9376 looks on a white background.

Color Contrast Check

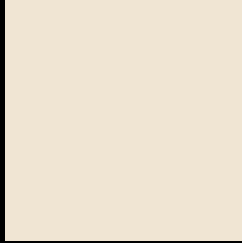
Large Text (above 18pt) WCAG AA × Fail

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 75.7124, 79.2670, 72.9376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

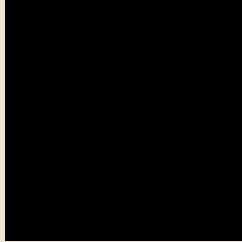
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7124, 79.2670, 72.9376

Background



This preview shows how black text looks on a background with the XYZ color 75.7124, 79.2670, 72.9376.



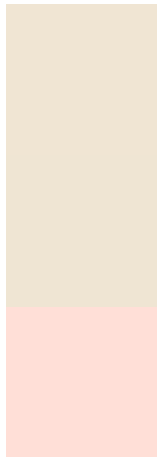
This preview shows how white text looks on a background with the XYZ color 75.7124, 79.2670,

72.9376.

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

75.7124, 79.2670, 72.9376

Protanopia

75.3738, 79.0925, 72.9218

Deuteranopia

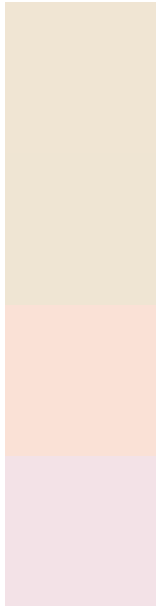
79.8934, 78.9416, 75.3164



Tritanopia

79.9909, 78.9552, 95.0283

Trichromacy



Original Color

75.7124, 79.2670, 72.9376

Protanomaly

75.3738, 79.0925, 72.9218

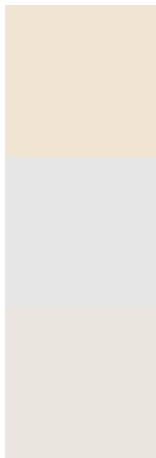
Deuteranomaly

78.4872, 79.0295, 74.7358

Tritanomaly

78.5823, 79.2169, 86.7500

Monochromacy



Original Color

75.7124, 79.2670, 72.9376

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5478, 79.4138, 81.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7124, 79.2670, 72.9376 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, 229, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 229, 211)  
}
```

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, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 229, 211) }
```

Border

The CSS property to change the border of an element to XYZ 75.7124, 79.2670, 72.9376 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, 229, 211) }
```


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

```
.border{ border-color:rgb(240, 229, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 229, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 229,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7124, 79.2670, 72.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 229, 211) }
```

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

```
.background{ background-color: rgb(240,  
229, 211) }
```

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