

Converting Colors

XYZ(73.0191, 76.2112, 64.1380)

Have a look what the booklet for
XYZ(73.0191, 76.2112, 64.1380)
contains.

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Color

**XYZ(72.7839, 75.9138,
64.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0C6
RGB	240, 224, 198
RGB Percent	94%, 88%, 78%
CMY	0.0588, 0.1215, 0.2235
CMYK	0.00, 0.07, 0.17, 0.06
HSL	37°, 58%, 86%
HSV	37°, 17%, 94%
XYZ	72.7839, 75.9138, 64.2428
YIQ	225.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

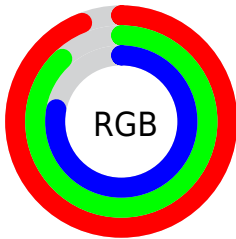
Format	Color
RYB	224, 240, 198
Decimal	15786182
CIELab	89.82, 1.32, 14.70
CIELCh	90, 14.761, 84.854
Yxy	75.9138, 0.3418, 0.3565
Android (android.graphics.Color)	4293976262 (0xFFFF0E0C6)
YUV	225.8200, -13.7153, 12.4359
Hunter-Lab	87.1285, -3.3627, 17.2735

Details

The XYZ color **72.7839, 75.9138, 64.2428** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.0632, 66.3888, 91.9292**, and the grayscale version is **72.2473, 76.0098, 82.7747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9892, 40.5799, 32.1633** is the 20% darker color. If you saturate the color by 10%, you get **67.8419, 70.1140, 50.0030**, and if you desaturate by 10%, it is **78.3008, 82.1600, 80.8401**.

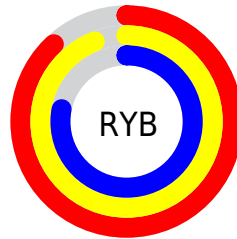
Distribution



Red (94%)

Green (88%)

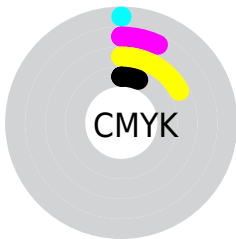
Blue (78%)



Red (88%)

Yellow (94%)

Blue (78%)

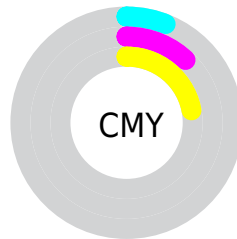


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (6%)



Cyan (6%)


Magenta (12%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7839, 75.9138, 64.2428 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 72.7839, 75.9138, 64.2428 by changing the saturation by 10% instead.


 72.7839, 75.9138,
64.2428

 72.7839, 75.9138,
64.2428


459.3809,
481.0526, 458.2974

 54.0870, 56.3618,
46.3999


122.1752,
127.6051, 112.5634

 38.9022, 40.4931,
32.2106


153.6003,
160.5131, 143.8781

 26.8640, 27.9232,
21.2562


189.9988,
198.6420, 180.5206

 17.6072, 18.2678,
13.1184

231.7362,
242.3761, 222.9093

 10.7663, 11.1424,
7.3784

279.1777,
292.0998, 271.4628

 5.9761, 6.1627,
3.6179

332.6888,

 2.8710, 2.9443,

348.1975, 326.5996

1.4181

392.6347,
411.0537, 388.7383

■ 1.0859, 1.1027,
0.1558

■ 0.0133, 0.0000,
0.0000

■ 72.7839, 75.9138,
64.2428

■ 72.7839, 75.9138,
64.2428

■ 67.8419, 70.1140,
50.0030

■ 78.3008, 82.1600,
80.8401

■ 63.4459, 64.7380,
38.0066

■ 84.4077, 88.8541,
99.8921

■ 59.5737, 59.7763,
28.1373

■ 88.6160, 95.0065,
108.2753

■ 56.1987, 55.2146,
20.2662

■ 89.7454, 97.2654,
108.6518

■ 53.2918, 51.0378,
14.2505

■ 50.8200, 47.2291,
9.9278

■ 48.7449, 43.7693,
7.1076

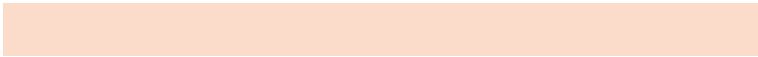
■ 47.0164, 40.6346,
5.5376

■ 46.6196, 39.8936,
5.2431

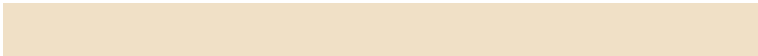
Harmonies

Analogous

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



76.2619, 75.9138, 67.3140



72.7839, 75.9138, 64.2428



69.2493, 75.9138, 65.7570

Triad

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



72.7839, 75.9138, 64.2428



65.9823, 75.9138, 91.3795



78.0347, 75.9138, 94.7524

Complementary

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



72.7839, 75.9138, 64.2428



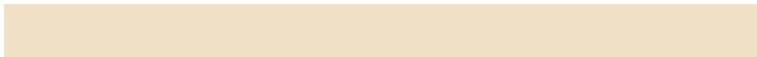
63.0632, 66.3888, 91.9292

Split Complementary

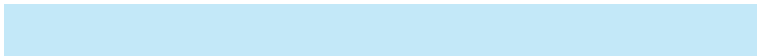
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1383, 75.9138, 102.2302



72.7839, 75.9138, 64.2428



68.1959, 75.9138, 100.1710

Square

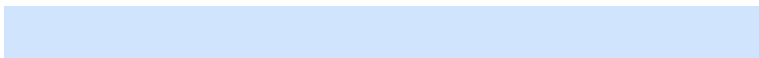
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7839, 75.9138, 64.2428



65.3994, 75.9138, 80.8709



71.5273, 75.9138, 104.2918



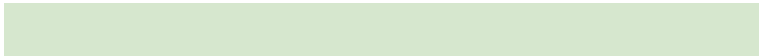
79.3580, 75.9138, 84.4697

Rectangle

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



72.7839, 75.9138, 64.2428



67.3250, 75.9138, 69.2352



71.5273, 75.9138, 104.2918



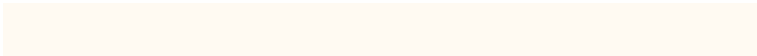
77.2082, 75.9138, 97.7106

Sweetspot

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



72.7859, 75.9172, 64.2444



91.5351, 96.1468, 97.9352



68.2805, 63.7746, 72.3972



19.4895, 20.4657, 20.6447



0.0000, 0.0000, 0.0000



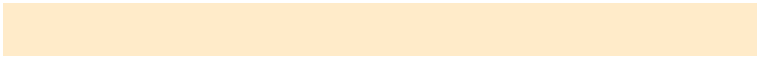
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7859, 75.9172, 64.2444



81.4313, 84.6896, 67.5911



75.6478, 84.0773, 65.6686



16.5879, 17.3889, 16.6318



25.6525, 22.1031, 2.9143



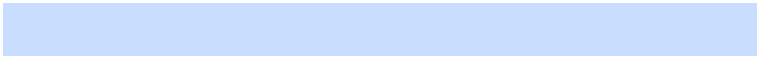
2.2297, 2.0302, 0.2743

Inverse Universe

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



63.0632, 66.3888, 91.9292



68.3384, 71.8597, 104.8762



60.5246, 59.3630, 90.7069



15.3907, 16.2154, 20.0403



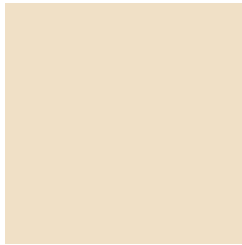
10.7951, 7.8145, 46.0673



0.9912, 0.8363, 3.8634

Previews

White Background



This preview shows how the XYZ color 72.7839, 75.9138, 64.2428 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 72.7839, 75.9138, 64.2428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

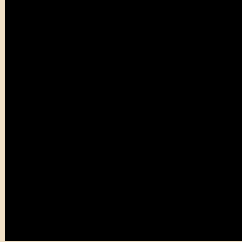
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7839, 75.9138, 64.2428

Background



This preview shows how black text looks on a background with the XYZ color 72.7839, 75.9138, 64.2428.

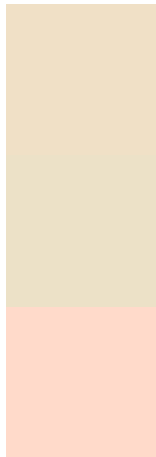


This preview shows how white text looks on a background with the XYZ color 72.7839, 75.9138,

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

72.7839, 75.9138, 64.2428

Protanopia

71.8261, 75.8068, 64.8794

Deuteranopia

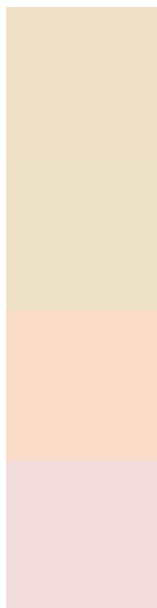
76.9721, 75.6671, 66.4255



Tritanopia

78.1280, 76.1316, 89.9340

Trichromacy



Original Color

72.7839, 75.9138, 64.2428

Protanomaly

72.1591, 75.9785, 64.8950

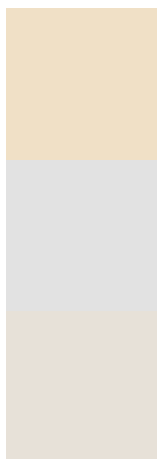
Deuteranomaly

75.5602, 75.7274, 65.8927

Tritanomaly

76.0034, 76.0415, 79.7789

Monochromacy



Original Color

72.7839, 75.9138, 64.2428

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2749, 75.7972, 75.7868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7839, 75.9138, 64.2428 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, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 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(240, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 198) }
```

Border

The CSS property to change the border of an element to XYZ 72.7839, 75.9138, 64.2428 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, 224, 198) }
```


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

```
.border{ border-color:rgb(240, 224, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7839, 75.9138, 64.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 198) }
```

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

```
.background{ background-color: rgb(240,  
224, 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](#).

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