

Converting Colors

XYZ(73.7142, 74.5469, 76.1495)

Have a look what the booklet for
XYZ(73.7142, 74.5469, 76.1495)
contains.

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Color

**XYZ(73.7142, 74.5469,
76.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDCD9
RGB	239, 220, 217
RGB Percent	94%, 86%, 85%
CMY	0.0627, 0.1372, 0.1490
CMYK	0.00, 0.08, 0.09, 0.06
HSL	8°, 41%, 89%
HSV	8°, 9%, 94%
XYZ	73.7142, 74.5469, 76.1495
YIQ	225.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

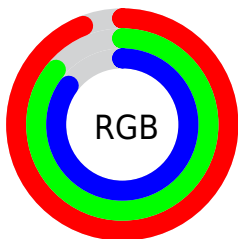
Format	Color
R _Y B	239, 220, 217
Decimal	15719641
CIE Lab	89.18, 6.02, 3.82
CIE LCh	89, 7.128, 32.388
Yxy	74.5469, 0.3285, 0.3322
Android (android.graphics.Color)	4293909721 (0xFFEFD9)
YUV	225.3390, -4.1111, 11.9807
Hunter-Lab	86.3405, 1.3004, 8.1466

Details

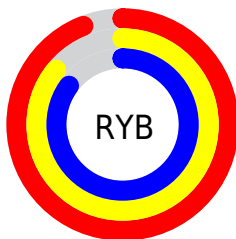
The XYZ color **73.7142, 74.5469, 76.1495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1905, 80.9731, 93.3813**, and the grayscale version is **71.8361, 75.5772, 82.3036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5052, 39.5862, 39.7412** is the 20% darker color. If you saturate the color by 10%, you get **65.7425, 63.2227, 59.2497**, and if you desaturate by 10%, it is **82.8089, 87.3949, 95.6465**.

Distribution



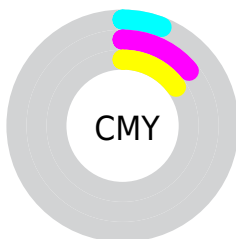
- Red (94%)
- Green (86%)
- Blue (85%)



- Red (94%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7142, 74.5469, 76.1495 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 73.7142, 74.5469, 76.1495 by changing the saturation by 10% instead.

73.7142, 74.5469,
76.1495

73.7142, 74.5469,
76.1495

462.5519,
476.3588, 501.2198

54.8506, 55.2418,
56.0477

123.4883,
125.6708, 129.7002

39.5155, 39.5953,
39.8369

155.1294,
158.2583, 163.9863

27.3435, 27.2232,
27.0986

191.7605,
196.0421, 203.8375

17.9693, 17.7409,
17.4142

233.7469,
239.4065, 249.6724

11.0275, 10.7641,
10.3652

281.4538,
288.7360, 301.9095

6.1528, 5.9085,
5.5330

335.2468,

2.9797, 2.7895,

344.4150, 360.9674

2.4991

395.4910,
406.8278, 427.2647

■ 1.1431, 1.0228,
0.8397

■ 0.0607, 0.0000,
0.0000

■ 73.7142, 74.5469,
76.1495

■ 73.7142, 74.5469,
76.1495

■ 65.7425, 63.2227,
59.2497

■ 82.8089, 87.3949,
95.6465

■ 58.8440, 53.3563,
44.8327

■ 89.4070, 97.0909,
108.6359

■ 52.9744, 44.8912,
32.7828

■ 48.0840, 37.7637,
22.9732

■ 44.1189, 31.9049,
15.2651

■ 41.0196, 27.2399,
9.5042

■ 38.7199, 23.6859,
5.5149

■ 37.1433, 21.1489,
3.0901

■ 36.1874, 19.5151,
1.9141

Harmonies

Analogous

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



74.2462, 74.5469, 80.7708



73.7142, 74.5469, 76.1495



72.4148, 74.5469, 72.9801

Triad

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



73.7142, 74.5469, 76.1495



67.9344, 74.5469, 76.8133



70.9939, 74.5469, 91.1118

Complementary

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



73.7142, 74.5469, 76.1495



74.1905, 80.9731, 93.3813

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.



69.3170, 74.5469, 89.9484



73.7142, 74.5469, 76.1495



67.5678, 74.5469, 81.5683

Square

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



73.7142, 74.5469, 76.1495



69.0796, 74.5469, 73.3522



68.0699, 74.5469, 86.4042



72.6598, 74.5469, 89.5220

Rectangle

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



73.7142, 74.5469, 76.1495



71.2982, 74.5469, 72.0473



68.0699, 74.5469, 86.4042



70.4128, 74.5469, 91.0297

Sweetspot

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



73.7163, 74.5502, 76.1511



91.7714, 95.3748, 101.8514



75.5604, 74.0375, 89.7168



19.4597, 20.1555, 21.4073



0.0000, 0.0000, 0.0000



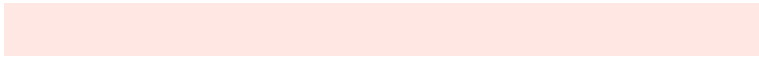
20.3446, 21.4041, 23.3091

Same Dimension

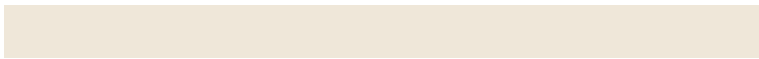
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7163, 74.5502, 76.1511



83.6127, 83.8323, 84.4113



76.6792, 80.4760, 77.1387



15.9468, 16.1068, 16.4182



20.0206, 10.8393, 1.0370



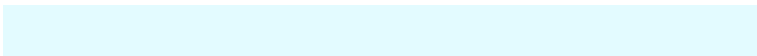
1.7196, 1.0099, 0.1043

Inverse Universe

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



74.1905, 80.9731, 93.3813



84.2630, 92.6431, 108.0485



71.1395, 74.8713, 92.3643



16.0526, 17.5393, 20.2610



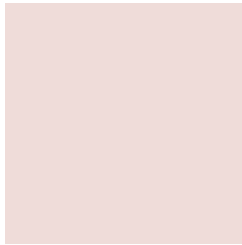
20.9270, 28.0783, 49.4445



1.7913, 2.4365, 4.1301

Previews

White Background



This preview shows how the XYZ color 73.7142, 74.5469, 76.1495 looks on a white background.

Color Contrast Check

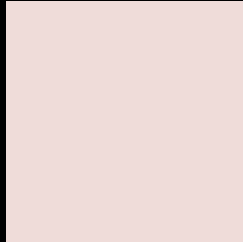
Large Text (above 18pt) WCAG AA × Fail

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 73.7142, 74.5469, 76.1495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

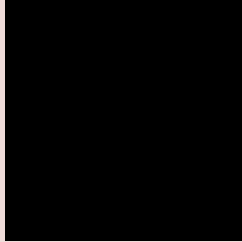
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

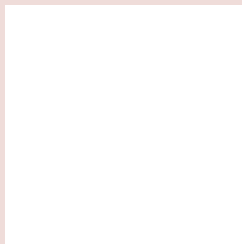
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7142, 74.5469, 76.1495

Background



This preview shows how black text looks on a background with the XYZ color 73.7142, 74.5469, 76.1495.



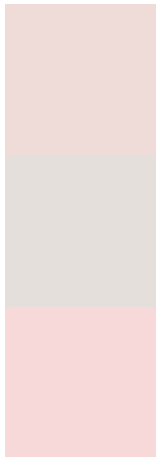
This preview shows how white text looks on a background with the XYZ color 73.7142, 74.5469,

76.1495.

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

73.7142, 74.5469, 76.1495

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

76.1791, 74.6441, 76.7223



Tritanopia

75.9398, 74.2670, 88.1744

Trichromacy



Original Color

73.7142, 74.5469, 76.1495

Protanomaly

72.3804, 74.6281, 76.9195

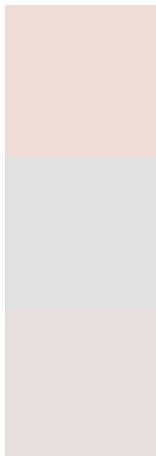
Deuteranomaly

75.3825, 74.6172, 76.7591

Tritanomaly

75.0102, 74.2695, 83.7808

Monochromacy



Original Color

73.7142, 74.5469, 76.1495

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2056, 74.8723, 79.7534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7142, 74.5469, 76.1495 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(239, 220, 217) looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 217)  
}
```

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(239, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 73.7142, 74.5469, 76.1495 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(239, 220, 217) }
```


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

```
.border{ border-color:rgb(239, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7142, 74.5469, 76.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 217) }
```

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

```
.background{ background-color: rgb(239,  
220, 217) }
```

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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