

Converting Colors

XYZ(73.4245, 76.1755, 66.0922)

Have a look what the booklet for
XYZ(73.4245, 76.1755, 66.0922)
contains.

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Color

**XYZ(73.4739, 76.2291,
66.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E0C9
RGB	241, 224, 201
RGB Percent	95%, 88%, 79%
CMY	0.0549, 0.1215, 0.2118
CMYK	0.00, 0.07, 0.17, 0.05
HSL	35°, 59%, 87%
HSV	35°, 17%, 95%
XYZ	73.4739, 76.2291, 66.0995
YIQ	226.4610, 17.5150, -3.5490

Conversions

Conversions Part 2

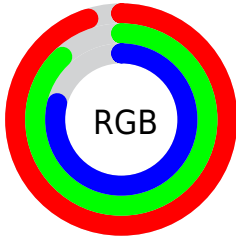
Format	Color
R_{YB}	231, 241, 201
Decimal	15851721
CIE _{Lab}	89.97, 2.13, 13.35
CIE _{LCh}	90, 13.522, 80.919
Yxy	76.2291, 0.3405, 0.3532
Android (android.graphics.Color)	4294041801 (0xFFFF1E0C9)
YUV	226.4610, -12.5523, 12.7507
Hunter-Lab	87.3093, -2.5771, 16.2296

Details

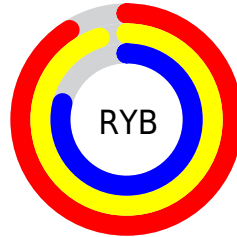
The XYZ color **73.4739, 76.2291, 66.0995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0357, 68.9097, 93.0929**, and the grayscale version is **72.7034, 76.4896, 83.2972**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4620, 40.7968, 33.3985** is the 20% darker color. If you saturate the color by 10%, you get **68.1893, 69.8461, 51.4313**, and if you desaturate by 10%, it is **79.3732, 83.1283, 83.1689**.

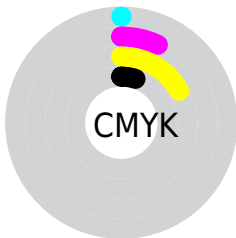
Distribution



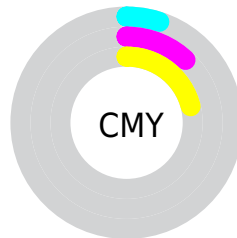
- Red (95%)
- Green (88%)
- Blue (79%)



- Red (91%)
- Yellow (95%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4739, 76.2291, 66.0995 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 73.4739, 76.2291, 66.0995 by changing the saturation by 10% instead.


 73.4739, 76.2291,
66.0995

 73.4739, 76.2291,
66.0995


461.7340,
482.1316, 465.1466

 54.6533, 56.6204,
47.8962


123.1493,
128.0507, 115.2575

 39.3570, 40.7005,
33.3853


154.7347,
161.0324, 147.0493

 27.2195, 28.0852,
22.1482


191.3059,
199.2405, 184.2076

 17.8756, 18.3899,
13.7665

233.2280,
243.0595, 227.1510

 10.9598, 11.2303,
7.8215

280.8666,
292.8737, 276.2981

 6.1069, 6.2219,
3.8948

334.5868,

 2.9515, 2.9805,

349.0675, 332.0673

1.5678

394.7542,
412.0253, 394.8773

■ 1.1282, 1.1216,
0.2677

■ 0.0485, 0.0000,
0.0000

■ 73.4739, 76.2291,
66.0995

■ 73.4739, 76.2291,
66.0995

■ 68.1893, 69.8461,
51.4313

■ 79.3732, 83.1283,
83.1689

■ 63.4898, 63.9552,
39.0494

■ 85.9032, 90.5469,
102.7374

■ 59.3519, 58.5448,
28.8371

■ 89.9983, 97.2656,
108.6385

■ 55.7484, 53.5990,
20.6648

■ 90.0859, 97.4409,
108.6677

■ 52.6491, 49.1008,
14.3894

■ 50.0201, 45.0314,
9.8486

■ 47.8222, 41.3698,
6.8527

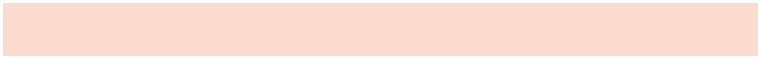
■ 46.0069, 38.0911,
5.1630

■ 45.4512, 37.0515,
4.7561

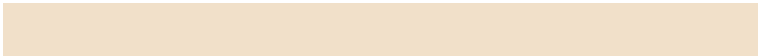
Harmonies

Analogous

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



76.5865, 76.2291, 69.5006



73.4739, 76.2291, 66.0995



70.1800, 76.2291, 66.9483

Triad

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



73.4739, 76.2291, 66.0995



66.6072, 76.2291, 89.7562



77.5644, 76.2291, 95.1695

Complementary

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



73.4739, 76.2291, 66.0995



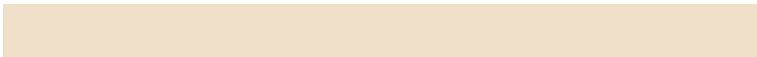
65.0357, 68.9097, 93.0929

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.



74.7755, 76.2291, 101.4331



73.4739, 76.2291, 66.0995



68.4719, 76.2291, 98.1444

Square

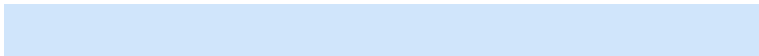
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4739, 76.2291, 66.0995



66.2830, 76.2291, 80.1256



71.4425, 76.2291, 102.5617



78.9955, 76.2291, 85.9435

Rectangle

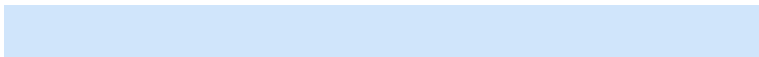
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4739, 76.2291, 66.0995



68.3197, 76.2291, 69.8387



71.4425, 76.2291, 102.5617



76.7507, 76.2291, 97.7201

Sweetspot

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



73.4760, 76.2325, 66.1011



91.3607, 95.7980, 97.8770



69.8617, 65.5545, 75.5307



19.4471, 20.3809, 20.6305



0.0000, 0.0000, 0.0000



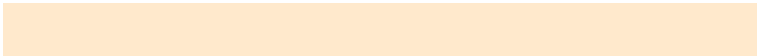
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4760, 76.2325, 66.1011



81.3718, 84.0850, 69.0680



77.3706, 85.3633, 67.6583



16.5277, 17.2685, 16.6118



24.7835, 20.3651, 2.6246



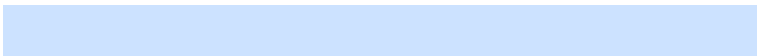
2.1601, 1.8909, 0.2511

Inverse Universe

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



65.0357, 68.9097, 93.0929



70.0583, 74.2703, 105.2509



61.5754, 60.9155, 91.7323



15.4494, 16.3328, 20.0599



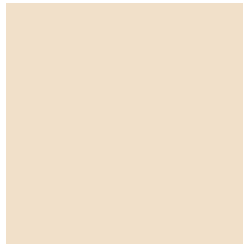
11.3349, 8.8939, 46.2472



1.0395, 0.9330, 3.8795

Previews

White Background



This preview shows how the XYZ color 73.4739, 76.2291, 66.0995 looks on a white background.

Color Contrast Check

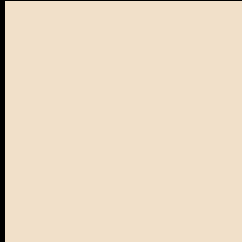
Large Text (above 18pt) WCAG AA × Fail

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 73.4739, 76.2291, 66.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

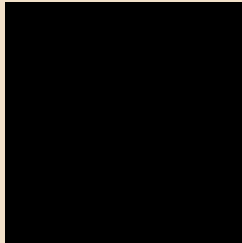
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

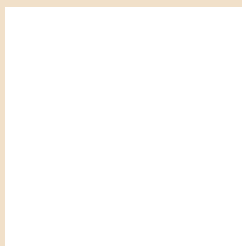
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4739, 76.2291, 66.0995

Background



This preview shows how black text looks on a background with the XYZ color 73.4739, 76.2291, 66.0995.

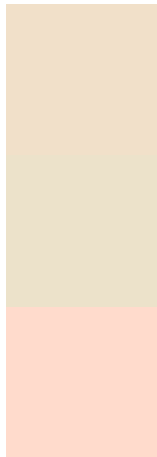


This preview shows how white text looks on a background with the XYZ color 73.4739, 76.2291,

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

73.4739, 76.2291, 66.0995

Protanopia

72.4491, 76.4898, 66.8227

Deuteranopia

77.4706, 76.2827, 67.7676



Tritanopia

78.4779, 76.3120, 89.9503

Trichromacy



Original Color

73.4739, 76.2291, 66.0995

Protanomaly

72.8458, 76.2918, 66.7635

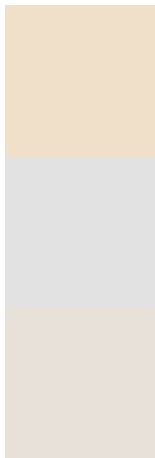
Deuteranomaly

76.0603, 76.3487, 67.2279

Tritanomaly

76.4840, 76.2737, 80.5032

Monochromacy



Original Color

73.4739, 76.2291, 66.0995

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4046, 75.8491, 76.4699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4739, 76.2291, 66.0995 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(241, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(241, 224, 201)  
}
```

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(241, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 73.4739, 76.2291, 66.0995 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(241, 224, 201) }
```


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

```
.border{ border-color:rgb(241, 224, 201) }
```

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

Here you see how a box with a 4 pixel rgb(241, 224, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(241, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4739, 76.2291, 66.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 224, 201) }
```

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

```
.background{ background-color: rgb(241,  
224, 201) }
```

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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