

Converting Colors

XYZ(75.3673, 81.2579, 69.4697)

Have a look what the booklet for
XYZ(75.3673, 81.2579, 69.4697)
contains.

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Color

**XYZ(75.3673, 81.2579,
69.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEACD
RGB	237, 234, 205
RGB Percent	93%, 92%, 80%
CMY	0.0706, 0.0823, 0.1961
CMYK	0.00, 0.01, 0.14, 0.07
HSL	54°, 47%, 87%
HSV	54°, 14%, 93%
XYZ	75.3673, 81.2579, 69.4697
YIQ	231.5910, 11.0970, -8.3830

Conversions

Conversions Part 2

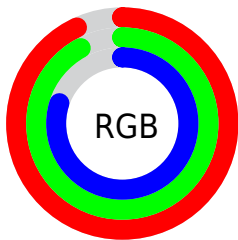
Format	Color
R_{YB}	208, 237, 205
Decimal	15592141
CIE Lab	92.25, -3.79, 14.45
CIE LCh	92, 14.943, 104.685
Yxy	81.2579, 0.3333, 0.3594
Android (android.graphics.Color)	4293782221 (0xFFEDEACD)
YUV	231.5910, -13.1094, 4.7437
Hunter-Lab	90.1432, -8.5095, 17.4078

Details

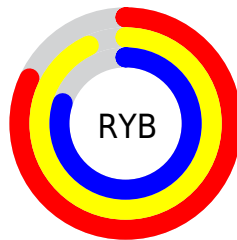
The XYZ color **75.3673, 81.2579, 69.4697** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.0187, 64.2042, 89.1926**, and the grayscale version is **76.4869, 80.4702, 87.6320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5624, 43.8989, 35.6136** is the 20% darker color. If you saturate the color by 10%, you get **72.0937, 78.9469, 55.3171**, and if you desaturate by 10%, it is **79.0866, 83.7652, 85.9107**.

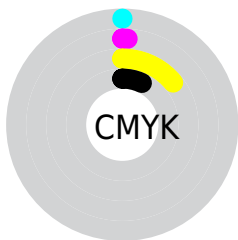
Distribution



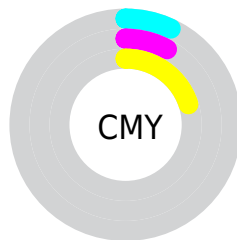
- Red (93%)
- Green (92%)
- Blue (80%)



- Red (82%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3673, 81.2579, 69.4697 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 75.3673, 81.2579, 69.4697 by changing the saturation by 10% instead.

75.3673, 81.2579,
69.4697

75.3673, 81.2579,
69.4697

468.1568,
499.1620, 477.4246

56.2091, 60.7540,
50.6202

125.8173,
135.1328, 120.1262

40.6082, 44.0267,
35.5318

157.8398,
169.2727, 152.7703

28.1994, 30.6915,
23.7860

194.8810,
208.7266, 190.8497

18.6173, 20.3640,
14.9642

237.3065,
253.8791, 234.7828

11.4964, 12.6599,
8.6479

285.4814,
305.1145, 284.9884

6.4715, 7.1948,
4.4186

339.7712,

3.1772, 3.5842,

362.8172, 341.8848

1.8577

400.5412,
427.3715, 405.8907

■ 1.2482, 1.4438,
0.4656

■ 0.1439, 0.2487,
0.0000

■ 75.3673, 81.2579,
69.4697

■ 75.3673, 81.2579,
69.4697

■ 72.0937, 78.9469,
55.3171

■ 79.0866, 83.7652,
85.9107

■ 69.2397, 76.8137,
43.3455

■ 83.2633, 86.4655,
104.7309

■ 66.7867, 74.8535,
33.4464

■ 84.3303, 87.9346,
107.1361

■ 64.7119, 73.0570,
25.5002

■ 84.9898, 89.2535,
107.3559

■ 62.9901, 71.4142,
19.3748

■ 85.6572, 90.5884,
107.5784

■ 61.5932, 69.9138,
14.9220

■ 86.3327, 91.9395,
107.8036

■ 60.4887, 68.5427,
11.9702

■ 87.0163, 93.3066,
108.0315

■ 59.6368, 67.2850,
10.3112

■ 87.7080, 94.6900,
108.2620

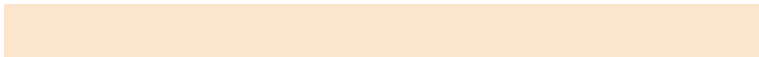
■ 59.1794, 66.5128,
9.7192

■ 88.4078, 96.0897,
108.4953

Harmonies

Analogous

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



79.2097, 81.2579, 69.5212



75.3673, 81.2579, 69.4697



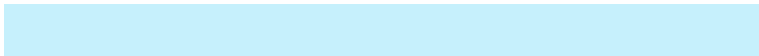
72.1317, 81.2579, 74.2103

Triad

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



75.3673, 81.2579, 69.4697



72.0766, 81.2579, 104.2776



84.6135, 81.2579, 94.2086

Complementary

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



75.3673, 81.2579, 69.4697



63.0187, 64.2042, 89.1926

Split Complementary

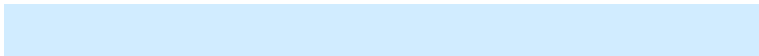
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5697, 81.2579, 104.4620



75.3673, 81.2579, 69.4697



75.2898, 81.2579, 110.5965

Square

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



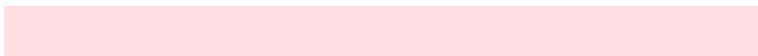
75.3673, 81.2579, 69.4697



70.2752, 81.2579, 93.9735



79.1296, 81.2579, 110.6667



84.6359, 81.2579, 83.1972

Rectangle

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



75.3673, 81.2579, 69.4697



70.7176, 81.2579, 79.6965



79.1296, 81.2579, 110.6667



84.1371, 81.2579, 97.8777

Sweetspot

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



75.3695, 81.2615, 69.4714



93.1471, 98.7527, 100.3780



68.1671, 66.2322, 68.9961



19.8628, 21.0878, 21.1529



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.



75.3695, 81.2615, 69.4714



87.9570, 95.2329, 77.4983



72.1070, 80.8562, 69.5652



16.2244, 17.3718, 16.0167



32.3618, 36.4179, 5.3237



2.5764, 2.9300, 0.4298

Inverse Universe

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



63.0187, 64.2042, 89.1926



70.9163, 71.6988, 104.7093



65.9721, 64.6529, 89.1236



14.3446, 14.7756, 19.0182



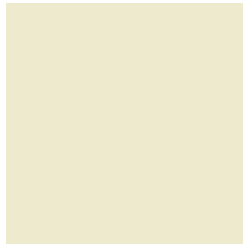
8.5452, 3.7375, 44.0140



0.7097, 0.3709, 3.4691

Previews

White Background



This preview shows how the XYZ color 75.3673, 81.2579, 69.4697 looks on a white background.

Color Contrast Check

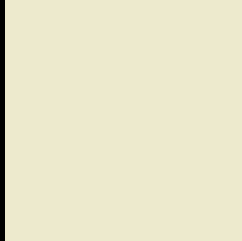
Large Text (above 18pt) WCAG AA × Fail

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 75.3673, 81.2579, 69.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

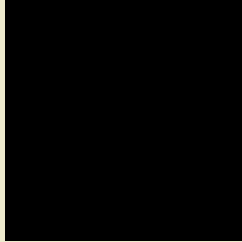
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

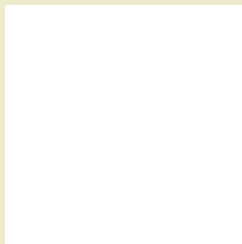
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3673, 81.2579, 69.4697

Background



This preview shows how black text looks on a background with the XYZ color 75.3673, 81.2579, 69.4697.

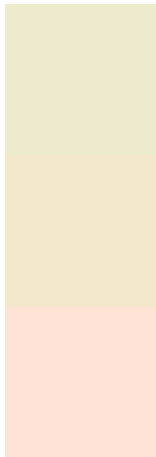


This preview shows how white text looks on a background with the XYZ color 75.3673, 81.2579,

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

75.3673, 81.2579, 69.4697

Protanopia

76.7178, 81.1275, 68.7425

Deuteranopia

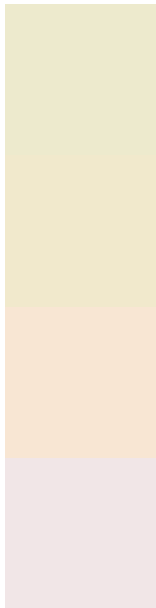
80.9748, 81.1045, 75.6769



Tritanopia

81.3401, 81.1953, 98.5740

Trichromacy



Original Color

75.3673, 81.2579, 69.4697

Protanomaly

76.3136, 81.3382, 68.8044

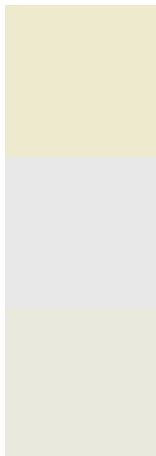
Deuteranomaly

78.7661, 81.2532, 73.1600

Tritanomaly

78.9962, 81.0639, 87.0847

Monochromacy



Original Color

75.3673, 81.2579, 69.4697

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2554, 81.0442, 80.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3673, 81.2579, 69.4697 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(237, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 205)  
}
```

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(237, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 205) }
```

Border

The CSS property to change the border of an element to XYZ 75.3673, 81.2579, 69.4697 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(237, 234, 205) }
```


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

```
.border{ border-color:rgb(237, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3673, 81.2579, 69.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 205) }
```

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

```
.background{ background-color: rgb(237,  
234, 205) }
```

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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