

Converting Colors

XYZ(69.1874, 74.1641, 73.7819)

Have a look what the booklet for
XYZ(69.1874, 74.1641, 73.7819)
contains.

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Color

**XYZ(69.0597, 74.1841,
73.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1D5
RGB	222, 225, 213
RGB Percent	87%, 88%, 84%
CMY	0.1294, 0.1176, 0.1647
CMYK	0.01, 0.00, 0.05, 0.12
HSL	75°, 17%, 86%
HSV	75°, 5%, 88%
XYZ	69.0597, 74.1841, 73.6299
YIQ	222.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

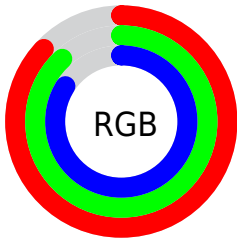
Format	Color
R_{YB}	213, 225, 216
Decimal	14606805
CIE _{Lab}	89.01, -3.12, 5.50
CIE _{LCh}	89, 6.328, 119.585
Y _{xy}	74.1841, 0.3184, 0.3421
Android (android.graphics.Color)	4292796885 (0xFFDEE1D5)
Y _{UV}	222.7350, -4.7994, -0.6446
Hunter-Lab	86.1302, -7.6055, 9.6060

Details

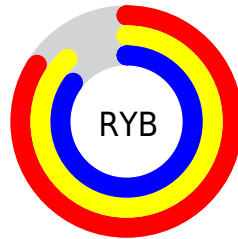
The XYZ color **69.0597, 74.1841, 73.6299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7065, 67.6256, 80.8279**, and the grayscale version is **69.9849, 73.6296, 80.1826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4826, 39.4336, 38.0364** is the 20% darker color. If you saturate the color by 10%, you get **64.7044, 72.2485, 59.5379**, and if you desaturate by 10%, it is **73.8730, 76.3144, 89.8148**.

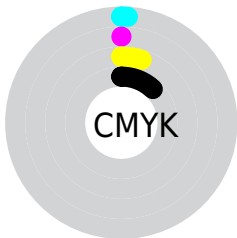
Distribution



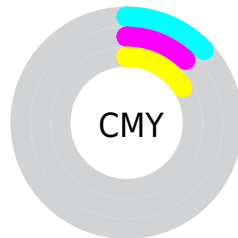
- Red (87%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0597, 74.1841, 73.6299 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 69.0597, 74.1841, 73.6299 by changing the saturation by 10% instead.

■ 69.0597, 74.1841,
73.6299

■ 69.0597, 74.1841,
73.6299

446.5596,
475.1085, 492.3242

■ 51.0371, 54.9447,
53.9962

116.9004,
125.1567, 126.1002

■ 36.4593, 39.3575,
38.2055

147.4493,
157.6588, 159.7739

■ 24.9609, 27.0379,
25.8391

182.9044,
195.3506, 198.9648

■ 16.1765, 17.6017,
16.4787

223.6310,
238.6164, 244.0912

■ 9.7408, 10.6644,
9.7055

269.9944,
287.8407, 295.5719

■ 5.2884, 5.8417,
5.1011

322.3601,

■ 2.4539, 2.7490,

343.4079, 353.8252

2.2469

381.0934,
405.7024, 419.2698

■ 0.8721, 1.0022,
0.7013

■ 0.0000, 0.0000,
0.0000

■ 69.0597, 74.1841,
73.6299

■ 69.0597, 74.1841,
73.6299

■ 64.7044, 72.2485,
59.5379

■ 73.8730, 76.3144,
89.8148

■ 60.7843, 70.4911,
47.4485

■ 78.6667, 78.4412,
105.6022

■ 57.2833, 68.9079,
37.2721

■ 80.5372, 79.4054,
105.6898

■ 54.1824, 67.4911,
28.9101

■ 82.4668, 80.4002,
105.7801

■ 51.4605, 66.2324,
22.2555

■ 84.4562, 81.4258,
105.8732

■ 49.0946, 65.1225,
17.1898

■ 86.2166, 82.3333,
105.9555

■ 47.0588, 64.1507,
13.5794

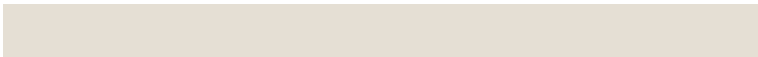
■ 45.3229, 63.3052,
11.2690

■ 43.8501, 62.5710,
10.0678

Harmonies

Analogous

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



70.5312, 74.1841, 72.5968



69.0597, 74.1841, 73.6299



67.9900, 74.1841, 76.5613

Triad

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



69.0597, 74.1841, 73.6299



69.0231, 74.1841, 88.3005



73.5086, 74.1841, 80.8353

Complementary

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



69.0597, 74.1841, 73.6299



65.7065, 67.6256, 80.8279

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.



73.0911, 74.1841, 85.1382



69.0597, 74.1841, 73.6299



70.4883, 74.1841, 89.5430

Square

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



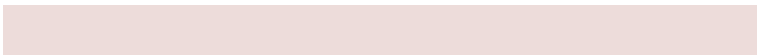
69.0597, 74.1841, 73.6299



67.9691, 74.1841, 85.0281



71.9800, 74.1841, 88.3656



73.1130, 74.1841, 76.6640

Rectangle

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



69.0597, 74.1841, 73.6299



67.6409, 74.1841, 79.2524



71.9800, 74.1841, 88.3656



73.4586, 74.1841, 82.3147

Sweetspot

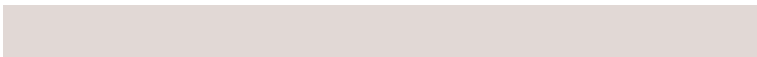
The Sweet Spot groups the original color and five complimentary colors.



69.0618, 74.1873, 73.6315



93.7717, 99.4346, 104.6108



67.6200, 69.9256, 72.8849



20.0844, 21.2890, 22.4359



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.



69.0618, 74.1873, 73.6315



91.2891, 98.3345, 96.3736



67.2567, 73.2568, 73.5470



14.7922, 15.9691, 15.4918



25.0188, 35.9302, 5.6166



1.8144, 2.5319, 0.3931

Inverse Universe

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



65.7065, 67.6256, 80.8279



86.2667, 88.5126, 107.1456



67.5115, 68.5561, 80.9124



13.9019, 14.2280, 17.4013



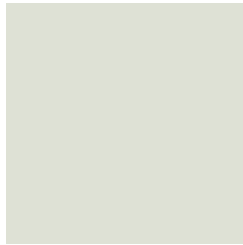
8.8715, 3.6687, 41.2889



0.6962, 0.2962, 2.8657

Previews

White Background



This preview shows how the XYZ color 69.0597, 74.1841, 73.6299 looks on a white background.

Color Contrast Check

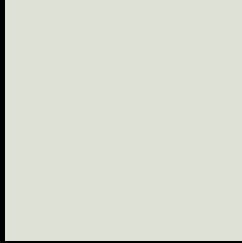
Large Text (above 18pt) WCAG AA × Fail

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 69.0597, 74.1841, 73.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

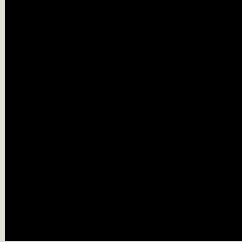
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

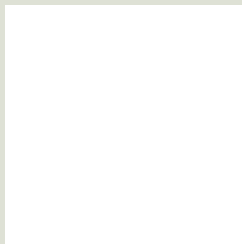
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0597, 74.1841, 73.6299

Background



This preview shows how black text looks on a background with the XYZ color 69.0597, 74.1841, 73.6299.

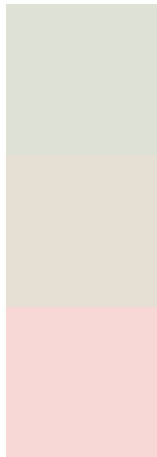


This preview shows how white text looks on a background with the XYZ color 69.0597, 74.1841,

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

69.0597, 74.1841, 73.6299

Protanopia

70.9045, 74.3518, 72.9016

Deuteranopia

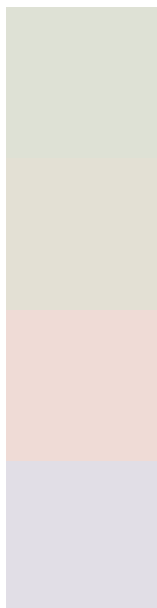
75.5330, 73.9745, 74.5875



Tritanopia

72.8005, 74.1136, 92.1297

Trichromacy



Original Color

69.0597, 74.1841, 73.6299

Protanomaly

70.2179, 74.3957, 72.9463

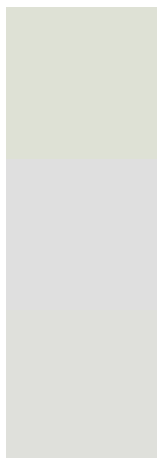
Deuteranomaly

73.0657, 73.8688, 74.0255

Tritanomaly

71.4555, 73.9633, 85.3731

Monochromacy



Original Color

69.0597, 74.1841, 73.6299

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8733, 74.1138, 77.6405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0597, 74.1841, 73.6299 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(222, 225, 213) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 213)  
}
```

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(222, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.0597, 74.1841, 73.6299 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(222, 225, 213) }
```


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

```
.border{ border-color:rgb(222, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0597, 74.1841, 73.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 213) }
```

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

```
.background{ background-color: rgb(222,  
225, 213) }
```

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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