

Converting Colors

XYZ(69.0535, 74.1083, 61.9014)

Have a look what the booklet for
XYZ(69.0535, 74.1083, 61.9014)
contains.

XYZ(69.0264, 74.0293, 61.6899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0264, 74.0293,
61.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E0C2
RGB	230, 224, 194
RGB Percent	90%, 88%, 76%
CMY	0.0980, 0.1215, 0.2392
CMYK	0.00, 0.03, 0.16, 0.10
HSL	50°, 42%, 83%
HSV	50°, 16%, 90%
XYZ	69.0264, 74.0293, 61.6899
YIQ	222.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

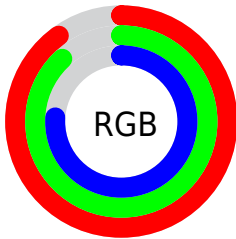
Format	Color
RYB	201, 230, 194
Decimal	15130818
CIELab	88.94, -2.88, 15.43
CIElCh	89, 15.698, 100.577
Yxy	74.0293, 0.3371, 0.3616
Android (android.graphics.Color)	4293320898 (0xFFE6E0C2)
YUV	222.3740, -13.9884, 6.6880
Hunter-Lab	86.0403, -7.3677, 17.7179

Details

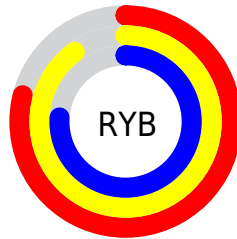
The XYZ color **69.0264, 74.0293, 61.6899** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1852, 58.4900, 83.1393**, and the grayscale version is **69.7865, 73.4208, 79.9553**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **36.3772, 39.2681, 30.4732** is the 20% darker color. If you saturate the color by 10%, you get **65.6235, 71.0419, 48.7826**, and if you desaturate by 10%, it is **72.8564, 77.2296, 76.7137**.

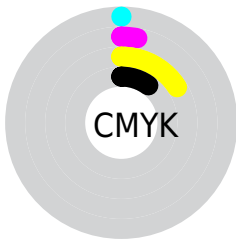
Distribution



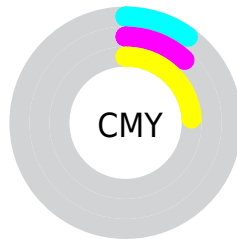
- Red (90%)
- Green (88%)
- Blue (76%)



- Red (79%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0264, 74.0293, 61.6899 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 69.0264, 74.0293, 61.6899 by changing the saturation by 10% instead.

69.0264, 74.0293,
61.6899

69.0264, 74.0293,
61.6899

446.4440,
474.5745, 448.7754

51.0099, 54.8180,
44.3480

116.8531,
124.9373, 108.8445

36.4376, 39.2560,
30.6050

147.3941,
157.4029, 139.4942

24.9440, 26.9590,
20.0423

182.8407,
195.0553, 175.4170

16.1639, 17.5424,
12.2414

223.5581,
238.2790, 217.0314

9.7318, 10.6220,
6.7838

269.9118,
287.4584, 264.7559

5.2824, 5.8132,
3.2509

322.2671,

2.4503, 2.7319,

342.9778, 319.0090

1.2241

380.9894,
405.2217, 380.2094

■ 0.8703, 0.9934,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0264, 74.0293,
61.6899

■ 69.0264, 74.0293,
61.6899

■ 65.6235, 71.0419,
48.7826

■ 72.8564, 77.2296,
76.7137

■ 62.6231, 68.2498,
37.8906

■ 77.1247, 80.6402,
93.9398

■ 60.0074, 65.6483,
28.9112

■ 80.5343, 83.7448,
106.5275

■ 57.7547, 63.2284,
21.7310

■ 81.6459, 85.9681,
106.8980

■ 55.8410, 60.9801,
16.2246

■ 82.7813, 88.2389,
107.2765

■ 54.2392, 58.8926,
12.2502

■ 83.9406, 90.5576,
107.6630

■ 52.9179, 56.9528,
9.6428

■ 85.1241, 92.9244,
108.0574

■ 51.8383, 55.1452,
8.1991

■ 86.3317, 95.3396,
108.4600

■ 51.4164, 54.3892,
7.7882

■ 86.4434, 95.5632,
108.4972

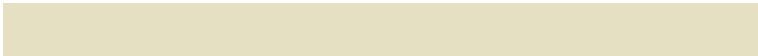
Harmonies

Analogous

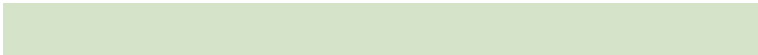
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8270, 74.0293, 62.3933



69.0264, 74.0293, 61.6899



65.7041, 74.0293, 65.6968

Triad

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



69.0264, 74.0293, 61.6899



64.9437, 74.0293, 95.0377



77.5003, 74.0293, 87.7854

Complementary

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



69.0264, 74.0293, 61.6899



57.1852, 58.4900, 83.1393

Split Complementary

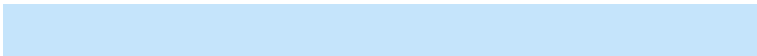
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2364, 74.0293, 97.6142



69.0264, 74.0293, 61.6899



67.9545, 74.0293, 102.0556

Square

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



69.0264, 74.0293, 61.6899



63.4040, 74.0293, 84.5183



71.7160, 74.0293, 103.0389



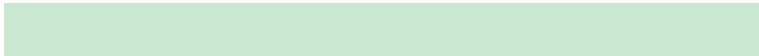
77.8126, 74.0293, 76.8150

Rectangle

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



69.0264, 74.0293, 61.6899



64.1725, 74.0293, 70.7315



71.7160, 74.0293, 103.0389



76.9385, 74.0293, 91.3577

Sweetspot

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



69.0284, 74.0326, 61.6915



92.3909, 97.8585, 98.2205



62.3511, 59.5777, 62.8579



19.6979, 20.8825, 20.7141



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.



69.0284, 74.0326, 61.6915



85.6872, 92.2224, 72.0279



66.9487, 75.3949, 62.0640



15.3866, 16.3871, 15.2565



29.1865, 30.9472, 4.4351



2.2113, 2.3959, 0.3459

Inverse Universe

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



57.1852, 58.4900, 83.1393



67.8601, 68.8277, 104.3162



59.0292, 57.4196, 82.8355



13.7758, 14.2730, 18.1732



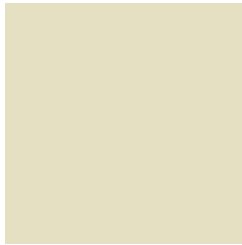
8.5436, 4.1493, 42.7338



0.6897, 0.4234, 3.1773

Previews

White Background



This preview shows how the XYZ color 69.0264, 74.0293, 61.6899 looks on a white background.

Color Contrast Check

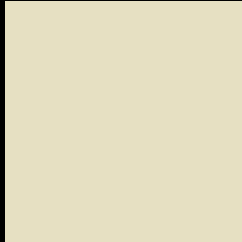
Large Text (above 18pt) WCAG AA × Fail

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 69.0264, 74.0293, 61.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

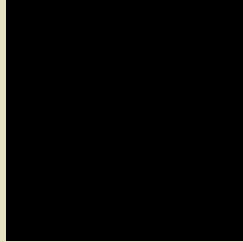
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

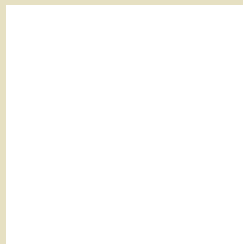
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0264, 74.0293, 61.6899

Background



This preview shows how black text looks on a background with the XYZ color 69.0264, 74.0293, 61.6899.

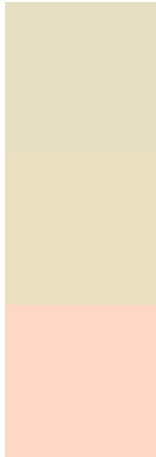


This preview shows how white text looks on a background with the XYZ color 69.0264, 74.0293, 61.6899.

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

69.0264, 74.0293, 61.6899

Protanopia

69.9450, 74.1180, 61.0718

Deuteranopia

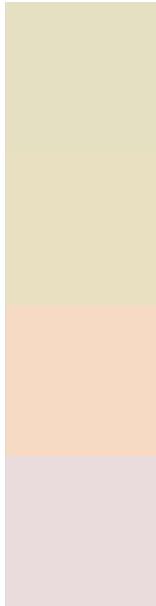
75.5042, 73.8464, 62.4988



Tritanopia

74.6589, 73.9738, 88.9407

Trichromacy



Original Color

69.0264, 74.0293, 61.6899

Protanomaly

69.6176, 73.9492, 61.0565

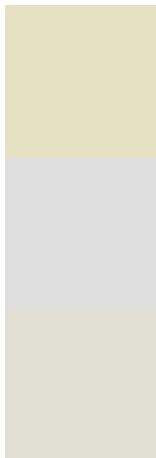
Deuteranomaly

72.9278, 73.6758, 62.0069

Tritanomaly

72.4432, 73.8461, 78.1457

Monochromacy



Original Color

69.0264, 74.0293, 61.6899

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3227, 73.5364, 72.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0264, 74.0293, 61.6899 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(230, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 194)  
}
```

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(230, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 194) }
```

Border

The CSS property to change the border of an element to XYZ 69.0264, 74.0293, 61.6899 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(230, 224, 194) }
```


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

```
.border{ border-color:rgb(230, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0264, 74.0293, 61.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 194) }
```

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

```
.background{ background-color: rgb(230,  
224, 194) }
```

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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