

Converting Colors

XYZ(67.5138, 72.3455, 61.4719)

Have a look what the booklet for
XYZ(67.5138, 72.3455, 61.4719)
contains.

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Color

**XYZ(67.5374, 72.4685,
61.4671)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEC2
RGB	227, 222, 194
RGB Percent	89%, 87%, 76%
CMY	0.1098, 0.1294, 0.2392
CMYK	0.00, 0.02, 0.15, 0.11
HSL	51°, 37%, 83%
HSV	51°, 15%, 89%
XYZ	67.5374, 72.4685, 61.4671
YIQ	220.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

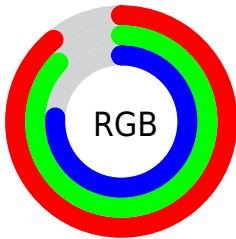
Format	Color
R _Y B	200, 227, 194
Decimal	14933698
CIE Lab	88.19, -2.94, 14.35
CIE LCh	88, 14.647, 101.560
Yxy	72.4685, 0.3352, 0.3597
Android (android.graphics.Color)	4293123778 (0xFFE3DEC2)
YUV	220.3030, -12.9674, 5.8733
Hunter-Lab	85.1284, -7.3602, 16.7795

Details

The XYZ color **67.5374, 72.4685, 61.4671** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.5364, 57.8609, 80.8620**, and the grayscale version is **68.3227, 71.8808, 78.2781**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **35.3469, 38.1888, 30.3191** is the 20% darker color. If you saturate the color by 10%, you get **64.2776, 69.7216, 48.7488**, and if you desaturate by 10%, it is **71.2092, 75.4148, 76.2458**.

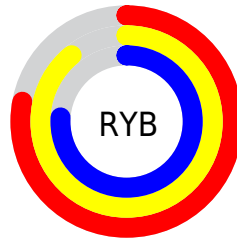
Distribution



Red (89%)

Green (87%)

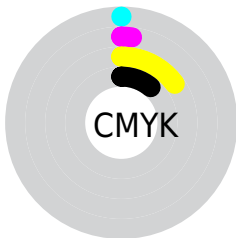
Blue (76%)



Red (78%)

Yellow (89%)

Blue (76%)

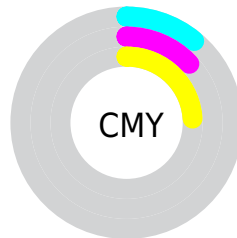


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5374, 72.4685, 61.4671 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 67.5374, 72.4685, 61.4671 by changing the saturation by 10% instead.

67.5374, 72.4685,
61.4671

67.5374, 72.4685,
61.4671

441.2577,
469.1706, 447.9385

49.7938, 53.5415,
44.1692

114.7357,
122.7224, 108.5191

35.4667, 38.2352,
30.4654

144.9210,
154.8180, 139.1103

24.1908, 26.1653,
19.9371

179.9843,
192.0720, 174.9697

15.6007, 16.9473,
12.1657

220.2910,
234.8687, 216.5158

9.3311, 10.1969,
6.7327

266.2063,
283.5925, 264.1672

5.0166, 5.5297,
3.2196

318.0956,

2.2919, 2.5613,

338.6279, 318.3424

1.2078

376.3243,
400.3591, 379.4600

■ 0.7905, 0.9073,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5374, 72.4685,
61.4671

■ 67.5374, 72.4685,
61.4671

■ 64.2776, 69.7216,
48.7488

■ 71.2092, 75.4148,
76.2458

■ 61.4063, 67.1572,
37.9934

■ 75.3037, 78.5578,
93.1672

■ 58.9063, 64.7707,
29.1027

■ 78.6738, 81.4411,
106.1809

■ 56.7568, 62.5537,
21.9677

■ 79.6522, 83.3980,
106.5070

■ 54.9349, 60.4968,
16.4686

■ 80.6497, 85.3929,
106.8395

■ 53.4150, 58.5896,
12.4702

■ 81.6663, 87.4261,
107.1784

■ 52.1671, 56.8198,
9.8158

■ 82.7022, 89.4978,
107.5237

■ 51.1547, 55.1728,
8.3141

■ 83.7574, 91.6082,
107.8754

■ 50.6693, 54.3121,
7.8127

■ 84.8320, 93.7574,
108.2336

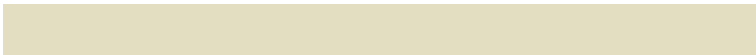
Harmonies

Analogous

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



71.0328, 72.4685, 61.9760



67.5374, 72.4685, 61.4671



64.5043, 72.4685, 65.3273

Triad

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



67.5374, 72.4685, 61.4671



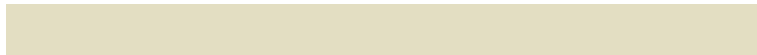
63.9585, 72.4685, 92.4151



75.4722, 72.4685, 85.1695

Complementary

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



67.5374, 72.4685, 61.4671



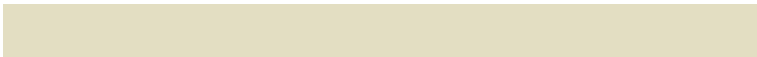
56.5364, 57.8609, 80.8620

Split Complementary

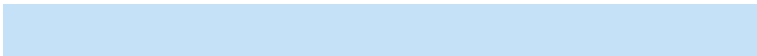
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4474, 72.4685, 94.2466



67.5374, 72.4685, 61.4671



66.7694, 72.4685, 98.6682

Square

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



67.5374, 72.4685, 61.4671



62.4854, 72.4685, 82.8373



70.2385, 72.4685, 99.3656



75.6948, 72.4685, 75.1009

Rectangle

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



67.5374, 72.4685, 61.4671



63.1215, 72.4685, 70.0666



70.2385, 72.4685, 99.3656



74.9766, 72.4685, 88.4589

Sweetspot

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



67.5393, 72.4717, 61.4686



92.9603, 98.3792, 100.3158



61.3381, 59.0622, 62.5059



19.8154, 20.9930, 21.1370



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.



67.5393, 72.4717, 61.4686



86.7818, 93.4004, 75.5103



65.5263, 73.4327, 61.7602



15.4060, 16.4259, 15.2630



29.6192, 31.8126, 4.5793



2.2393, 2.4520, 0.3553

Inverse Universe

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



56.5364, 57.8609, 80.8620



70.2269, 71.4178, 104.6914



58.3346, 57.1097, 80.6222



13.7580, 14.2375, 18.1673



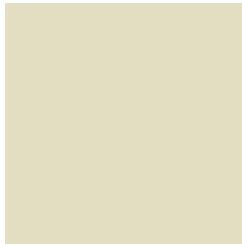
8.4786, 4.0192, 42.7121



0.6813, 0.4066, 3.1745

Previews

White Background



This preview shows how the XYZ color 67.5374, 72.4685, 61.4671 looks on a white background.

Color Contrast Check

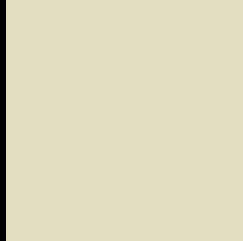
Large Text (above 18pt) WCAG AA × Fail

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 67.5374, 72.4685, 61.4671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

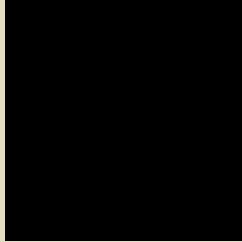
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

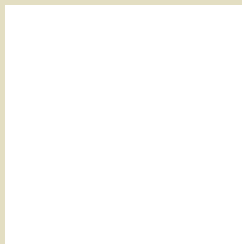
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5374, 72.4685, 61.4671

Background



This preview shows how black text looks on a background with the XYZ color 67.5374, 72.4685, 61.4671.



This preview shows how white text looks on a background with the XYZ color 67.5374, 72.4685, 61.4671.

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

67.5374, 72.4685, 61.4671

Protanopia

68.7608, 72.7190, 60.8642

Deuteranopia

73.9029, 72.2695, 62.2788



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

67.5374, 72.4685, 61.4671

Protanomaly

68.1152, 72.3862, 60.8339

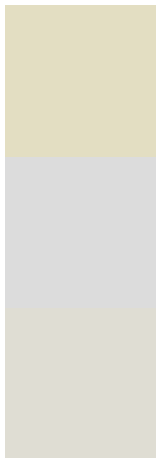
Deuteranomaly

71.3683, 72.1066, 61.7862

Tritanomaly

70.4907, 72.0803, 77.2155

Monochromacy



Original Color

67.5374, 72.4685, 61.4671

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.0457, 72.1040, 71.9591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5374, 72.4685, 61.4671 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(227, 222, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 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(227, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.5374, 72.4685, 61.4671 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(227, 222, 194) }
```


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

```
.border{ border-color:rgb(227, 222, 194) }
```

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

Here you see how a box with a 4 pixel rgb(227, 222, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5374, 72.4685, 61.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 194) }
```

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

```
.background{ background-color: rgb(227,  
222, 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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