

Converting Colors

XYZ(67.0277, 72.0653, 61.6685)

Have a look what the booklet for
XYZ(67.0277, 72.0653, 61.6685)
contains.

XYZ(67.2229, 72.3063, 61.4524)	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(67.2229, 72.3063,
61.4524)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DEC2
RGB	226, 222, 194
RGB Percent	89%, 87%, 76%
CMY	0.1137, 0.1294, 0.2392
CMYK	0.00, 0.02, 0.14, 0.11
HSL	53°, 36%, 82%
HSV	53°, 14%, 89%
XYZ	67.2229, 72.3063, 61.4524
YIQ	220.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

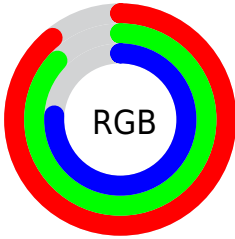
Format	Color
R _Y B	199, 226, 194
Decimal	14868162
CIE Lab	88.12, -3.29, 14.23
CIE LCh	88, 14.605, 103.033
Yxy	72.3063, 0.3345, 0.3598
Android (android.graphics.Color)	4293058242 (0xFFE2DEC2)
YUV	220.0040, -12.8200, 5.2585
Hunter-Lab	85.0331, -7.6948, 16.6750

Details

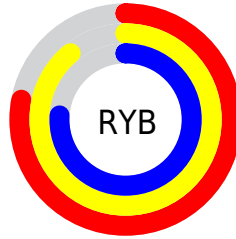
The XYZ color **67.2229, 72.3063, 61.4524** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.1696, 57.3474, 80.0608**, and the grayscale version is **68.1130, 71.6602, 78.0379**.

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 **64.1328, 69.8834, 48.8378**, and if you desaturate by 10%, it is **70.7155, 74.9151, 76.1074**.

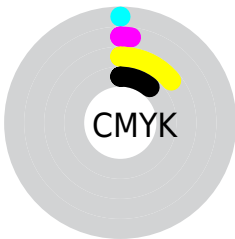
Distribution



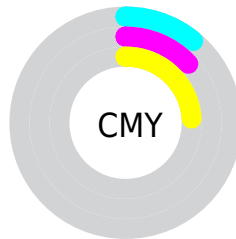
- Red (89%)
- Green (87%)
- Blue (76%)



- Red (78%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2229, 72.3063, 61.4524 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 67.2229, 72.3063, 61.4524 by changing the saturation by 10% instead.

67.2229, 72.3063,
61.4524

67.2229, 72.3063,
61.4524

440.1578,
468.6070, 447.8832

49.5372, 53.4089,
44.1574

114.2878,
122.4919, 108.4976

35.2621, 38.1293,
30.4562

144.3976,
154.5489, 139.0849

24.0323, 26.0831,
19.9301

179.3796,
191.7613, 174.9401

15.4824, 16.8858,
12.1607

219.5989,
234.5134, 216.4818

9.2472, 10.1531,
6.7293

265.4211,
283.1896, 264.1283

4.9612, 5.5006,
3.2175

317.2113,

2.2590, 2.5439,

338.1744, 318.2984

1.2068

375.3351,
399.8520, 379.4105

■ 0.7736, 0.8985,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2229, 72.3063,
61.4524

■ 67.2229, 72.3063,
61.4524

■ 64.1328, 69.8834,
48.8378

■ 70.7155, 74.9151,
76.1074

■ 61.4220, 67.6299,
38.1673

■ 74.6211, 77.7068,
92.8838

■ 59.0735, 65.5411,
29.3441

■ 77.8424, 80.2450,
105.9938

■ 57.0671, 63.6089,
22.2608

■ 78.6362, 81.8326,
106.2584

■ 55.3802, 61.8243,
16.7993

■ 79.4428, 83.4458,
106.5273

■ 53.9875, 60.1768,
12.8266

■ 80.2622, 85.0847,
106.8005

■ 52.8596, 58.6548,
10.1887

■ 81.0945, 86.7493,
107.0779

■ 51.9610, 57.2439,
8.6981

■ 81.9398, 88.4399,
107.3597

■ 51.5088, 56.4578,
8.1826

■ 82.7981, 90.1565,
107.6458

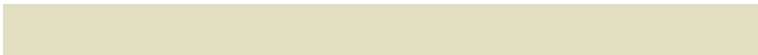
Harmonies

Analogous

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



70.7017, 72.3063, 61.7423



67.2229, 72.3063, 61.4524



64.2470, 72.3063, 65.5014

Triad

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



67.2229, 72.3063, 61.4524



63.9360, 72.3063, 92.5846



75.3446, 72.3063, 84.4713

Complementary

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



67.2229, 72.3063, 61.4524



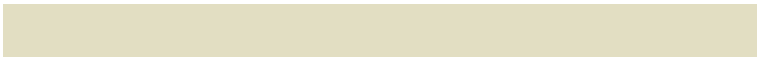
56.1696, 57.3474, 80.0608

Split Complementary

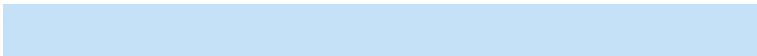
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4064, 72.3063, 93.6279



67.2229, 72.3063, 61.4524



66.7854, 72.3063, 98.5769

Square

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



67.2229, 72.3063, 61.4524



62.3930, 72.3063, 83.1428



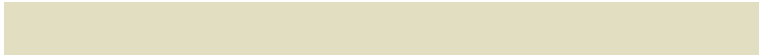
70.2492, 72.3063, 98.9741



75.4715, 72.3063, 74.4748

Rectangle

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



67.2229, 72.3063, 61.4524



62.9164, 72.3063, 70.3325



70.2492, 72.3063, 98.9741



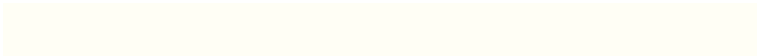
74.8804, 72.3063, 87.7691

Sweetspot

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



67.2248, 72.3095, 61.4539



93.0460, 98.5505, 100.3443



60.8805, 58.8428, 61.7375



19.8371, 21.0365, 21.1443



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.



67.2248, 72.3095, 61.4539



87.1371, 94.1109, 75.6287



64.7442, 72.6248, 61.6455



14.7181, 15.7222, 14.5657



29.4457, 32.3292, 4.6882



2.0825, 2.3239, 0.3388

Inverse Universe

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



56.1696, 57.3474, 80.0608



69.9296, 70.8231, 104.5923



58.3998, 57.1592, 79.9070



13.0893, 13.5176, 17.3070



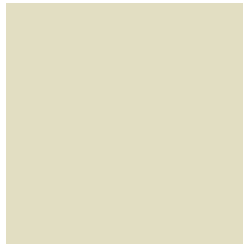
8.1178, 3.7052, 41.3357



0.6085, 0.3485, 2.8804

Previews

White Background



This preview shows how the XYZ color 67.2229, 72.3063, 61.4524 looks on a white background.

Color Contrast Check

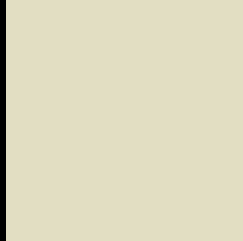
Large Text (above 18pt) WCAG AA × Fail

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 67.2229, 72.3063, 61.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

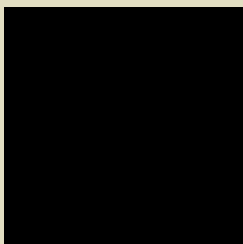
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

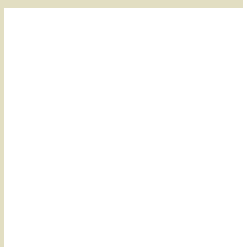
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2229, 72.3063, 61.4524

Background



This preview shows how black text looks on a background with the XYZ color 67.2229, 72.3063, 61.4524.



This preview shows how white text looks on a background with the XYZ color 67.2229, 72.3063,

61.4524.

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

67.2229, 72.3063, 61.4524

Protanopia

68.1738, 72.0256, 60.7613

Deuteranopia

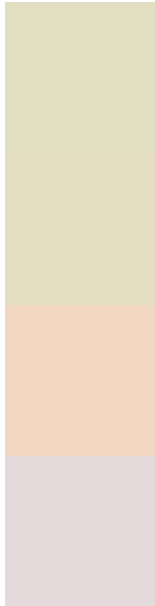
73.5417, 72.0833, 62.2619



Tritanopia

72.2188, 71.9839, 87.1787

Trichromacy



Original Color

67.2229, 72.3063, 61.4524

Protanomaly

67.7952, 72.2212, 60.8190

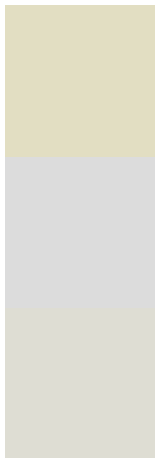
Deuteranomaly

71.0241, 71.9291, 61.7701

Tritanomaly

70.1707, 71.9153, 77.2005

Monochromacy



Original Color

67.2229, 72.3063, 61.4524

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7385, 71.9456, 71.9447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2229, 72.3063, 61.4524 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(226, 222, 194)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.2229, 72.3063, 61.4524 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(226, 222, 194) }
```


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

```
.border{ border-color:rgb(226, 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(226, 222, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2229, 72.3063, 61.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 194) }
```

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

```
.background{ background-color: rgb(226,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor