

Converting Colors

XYZ(67.0807, 72.6565, 62.0376)

Have a look what the booklet for
XYZ(67.0807, 72.6565, 62.0376)
contains.

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Color

**XYZ(66.9785, 72.5628,
62.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFC3
RGB	224, 223, 195
RGB Percent	88%, 87%, 76%
CMY	0.1216, 0.1255, 0.2353
CMYK	0.00, 0.00, 0.13, 0.12
HSL	58°, 32%, 82%
HSV	58°, 13%, 88%
XYZ	66.9785, 72.5628, 62.1056
YIQ	220.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

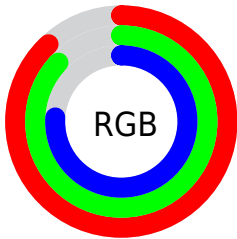
Format	Color
R _Y B	196, 224, 195
Decimal	14737347
CIE Lab	88.24, -4.36, 13.86
CIE LCh	88, 14.528, 107.481
Yxy	72.5628, 0.3322, 0.3599
Android (android.graphics.Color)	4292927427 (0xFFE0DFC3)
YUV	220.1070, -12.3778, 3.4142
Hunter-Lab	85.1838, -8.7203, 16.4017

Details

The XYZ color **66.9785, 72.5628, 62.1056** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.7001, 56.4627, 78.4844**, and the grayscale version is **68.1829, 71.7337, 78.1180**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **35.1725, 38.3634, 30.7504** is the 20% darker color. If you saturate the color by 10%, you get **64.4293, 71.2176, 49.6839**, and if you desaturate by 10%, it is **69.9126, 74.0683, 76.5318**.

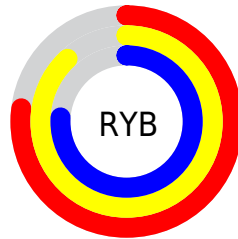
Distribution



Red (88%)

Green (87%)

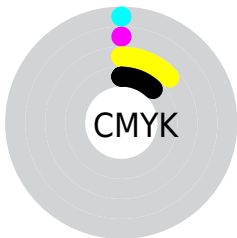
Blue (76%)



Red (77%)

Yellow (88%)

Blue (76%)

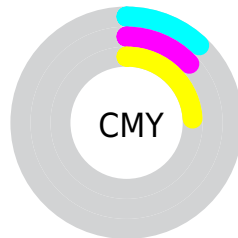


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9785, 72.5628, 62.1056 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 66.9785, 72.5628, 62.1056 by changing the saturation by 10% instead.

66.9785, 72.5628,
62.1056

66.9785, 72.5628,
62.1056

439.3019,
469.4981, 450.3345

49.3378, 53.6185,
44.6817

113.9396,
122.8563, 109.4512

35.1031, 38.2968,
30.8657

143.9906,
154.9744, 140.2100

23.9092, 26.2131,
20.2390

178.9092,
192.2526, 176.2508

15.3907, 16.9831,
12.3831

219.0606,
235.0752, 217.9922

9.1821, 10.2225,
6.8794

264.8102,
283.8267, 265.8528

4.9182, 5.5467,
3.3095

316.5234,

2.2336, 2.5715,

338.8914, 320.2509

1.2548

374.5655,
400.6537, 381.6053

■ 0.7604, 0.9123,
0.0243

■ 0.0000, 0.0000,
0.0000

■ 66.9785, 72.5628,
62.1056

■ 66.9785, 72.5628,
62.1056

■ 64.4293, 71.2176,
49.6839

■ 69.9126, 74.0683,
76.5318

■ 62.2422, 70.0163,
39.1733

■ 73.2414, 75.7308,
93.0411

■ 60.4010, 68.9548,
30.4797

■ 75.8005, 77.0868,
105.4919

■ 58.8861, 68.0254,
23.4996

■ 76.0092, 77.5042,
105.5614

■ 57.6758, 67.2192,
18.1186

■ 76.2188, 77.9235,
105.6313

■ 56.7457, 66.5267,
14.2089

■ 76.4294, 78.3447,
105.7015

■ 56.0678, 65.9365,
11.6227

■ 76.6409, 78.7678,
105.7720

■ 55.6082, 65.4351,
10.1818

■ 76.8534, 79.1927,
105.8429

■ 55.3767, 65.1194,
9.6506

■ 77.0668, 79.6195,
105.9140

Harmonies

Analogous

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



70.4292, 72.5628, 61.7406



66.9785, 72.5628, 62.1056



64.1542, 72.5628, 66.7536

Triad

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



66.9785, 72.5628, 62.1056



64.5452, 72.5628, 93.9892



75.7084, 72.5628, 83.2351

Complementary

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



66.9785, 72.5628, 62.1056



55.7001, 56.4627, 78.4844

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.



74.0184, 72.5628, 92.6785



66.9785, 72.5628, 62.1056



67.5287, 72.5628, 99.2288

Square

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



66.9785, 72.5628, 62.1056



62.7821, 72.5628, 84.9051



70.9981, 72.5628, 98.7298



75.5490, 72.5628, 73.3915

Rectangle

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



66.9785, 72.5628, 62.1056



62.9713, 72.5628, 71.8950



70.9981, 72.5628, 98.7298



75.3355, 72.5628, 86.5765

Sweetspot

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



66.9805, 72.5660, 62.1072



93.3393, 99.1372, 100.4421



60.2716, 58.8845, 60.6837



19.9117, 21.1855, 21.1691



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.



66.9805, 72.5660, 62.1072



88.7180, 96.7550, 77.7520



63.3564, 71.0937, 62.0140



14.8293, 15.9446, 14.6028



32.2512, 37.9403, 5.6234



2.2483, 2.6554, 0.3940

Inverse Universe

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



55.7001, 56.4627, 78.4844



70.2936, 70.4535, 104.5018



58.9970, 57.8302, 78.5746



12.9896, 13.3183, 17.2737



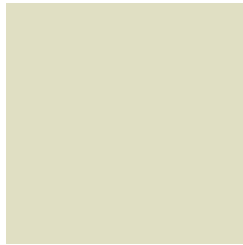
7.8971, 3.2637, 41.2621



0.5609, 0.2532, 2.8646

Previews

White Background



This preview shows how the XYZ color 66.9785, 72.5628, 62.1056 looks on a white background.

Color Contrast Check

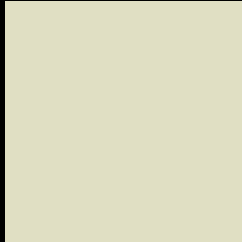
Large Text (above 18pt) WCAG AA × Fail

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 66.9785, 72.5628, 62.1056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

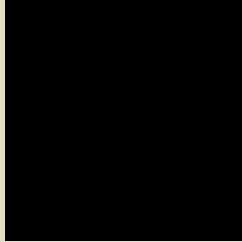
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

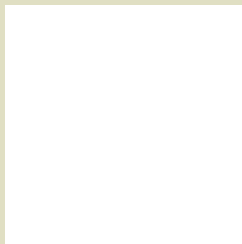
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9785, 72.5628, 62.1056

Background



This preview shows how black text looks on a background with the XYZ color 66.9785, 72.5628, 62.1056.



This preview shows how white text looks on a background with the XYZ color 66.9785, 72.5628,

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

66.9785, 72.5628, 62.1056

Protanopia

68.8728, 72.7637, 61.4538

Deuteranopia

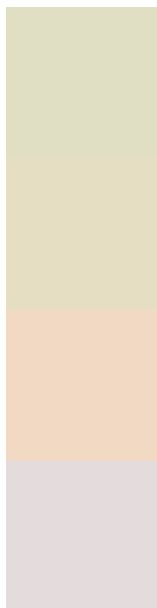
74.0172, 72.3152, 62.8804



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

66.9785, 72.5628, 62.1056

Protanomaly

68.1720, 72.7956, 61.4968

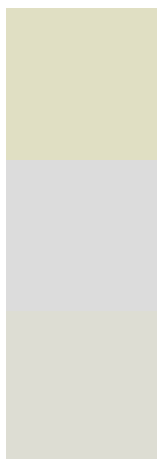
Deuteranomaly

71.3946, 72.4885, 62.4533

Tritanomaly

70.2447, 72.3243, 77.9678

Monochromacy



Original Color

66.9785, 72.5628, 62.1056

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4331, 71.7882, 71.9304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9785, 72.5628, 62.1056 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(224, 223, 195) looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 195)  
}
```

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(224, 223, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 195) }
```

Border

The CSS property to change the border of an element to XYZ 66.9785, 72.5628, 62.1056 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(224, 223, 195) }
```


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

```
.border{ border-color:rgb(224, 223, 195) }
```

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

Here you see how a box with a 4 pixel rgb(224, 223, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9785, 72.5628, 62.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 195) }
```

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

```
.background{ background-color: rgb(224,  
223, 195) }
```

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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