

Converting Colors

XYZ(66.3253, 69.6079, 69.8540)

Have a look what the booklet for
XYZ(66.3253, 69.6079, 69.8540)
contains.

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Color

**XYZ(66.3222, 69.7094,
69.6342)**

Conversions

Conversions Part 1

Format	Color
Hex	DED9D0
RGB	222, 217, 208
RGB Percent	87%, 85%, 82%
CMY	0.1294, 0.1490, 0.1843
CMYK	0.00, 0.02, 0.06, 0.13
HSL	39°, 17%, 84%
HSV	39°, 6%, 87%
XYZ	66.3222, 69.7094, 69.6342
YIQ	217.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

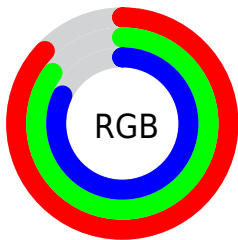
Format	Color
R _Y B	216, 222, 208
Decimal	14604752
CIE Lab	86.85, 0.15, 5.02
CIE LCh	87, 5.024, 88.334
Yxy	69.7094, 0.3225, 0.3389
Android (android.graphics.Color)	4292794832 (0xFFDED9D0)
YUV	217.4690, -4.6682, 3.9737
Hunter-Lab	83.4922, -4.3194, 8.9954

Details

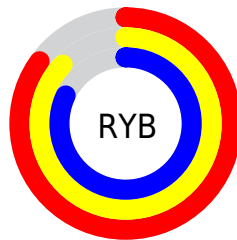
The XYZ color **66.3222, 69.7094, 69.6342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9913, 66.2711, 78.5796**, and the grayscale version is **66.3050, 69.7580, 75.9665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6894, 36.3892, 35.7673** is the 20% darker color. If you saturate the color by 10%, you get **61.7873, 64.7085, 55.5772**, and if you desaturate by 10%, it is **71.3413, 75.0654, 85.7405**.

Distribution



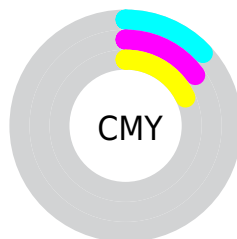
- Red (87%)
- Green (85%)
- Blue (82%)



- Red (85%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3222, 69.7094, 69.6342 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 66.3222, 69.7094, 69.6342 by changing the saturation by 10% instead.

■ 66.3222, 69.7094,
69.6342

■ 66.3222, 69.7094,
69.6342

436.9988,
459.5290, 478.0190

■ 48.8027, 51.2897,
50.7534

113.0038,
118.7942, 120.3632

■ 34.6769, 36.4392,
35.6370

142.8966,
150.2281, 153.0484

■ 23.5794, 24.7736,
23.8665

177.6446,
186.7689, 191.1723

■ 15.1450, 15.9084,
15.0234

217.6130,
228.8009, 235.1532

■ 9.0082, 9.4594,
8.6890

263.1673,
276.7085, 285.4098

■ 4.8037, 5.0420,
4.4448

314.6728,

■ 2.1661, 2.2719,

330.8761, 342.3606

1.8724

372.4948,
391.6881, 406.4241

■ 0.7248, 0.7588,
0.4751

■ 0.0000, 0.0000,
0.0000

■ 66.3222, 69.7094,
69.6342

■ 66.3222, 69.7094,
69.6342

■ 61.7873, 64.7085,
55.5772

■ 71.3413, 75.0654,
85.7405

■ 57.7138, 60.0445,
43.4814

■ 76.8552, 80.7760,
103.9702

■ 54.0852, 55.7110,
33.2588

■ 79.5620, 85.5248,
106.9223

■ 50.8820, 51.6977,
24.8131

■ 81.9553, 90.3113,
107.7201

■ 48.0828, 47.9940,
18.0390

■ 83.9345, 94.2698,
108.3798

■ 45.6641, 44.5879,
12.8205

■ 43.5997, 41.4665,
9.0261

■ 41.8588, 38.6151,
6.5026

■ 40.4035, 36.0159,
5.0578

Harmonies

Analogous

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



67.4462, 69.7094, 70.5423



66.3222, 69.7094, 69.6342



65.1934, 69.7094, 70.3639

Triad

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



66.3222, 69.7094, 69.6342



64.2937, 69.7094, 79.0048



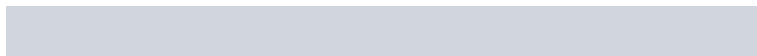
68.1924, 69.7094, 79.3389

Complementary

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



66.3222, 69.7094, 69.6342



62.9913, 66.2711, 78.5796

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.



67.3315, 69.7094, 81.7227



66.3222, 69.7094, 69.6342



65.0812, 69.7094, 81.5258

Square

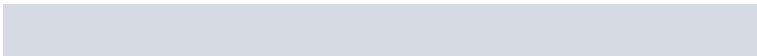
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3222, 69.7094, 69.6342



64.0305, 69.7094, 75.7143



66.1912, 69.7094, 82.5344



68.5339, 69.7094, 76.0894

Rectangle

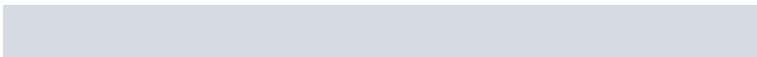
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3222, 69.7094, 69.6342



64.5882, 69.7094, 71.6933



66.1912, 69.7094, 82.5344



67.9537, 69.7094, 80.2716

Sweetspot

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



66.3241, 69.7124, 69.6357



93.6618, 98.5202, 104.4401



64.7081, 65.4532, 72.2637



20.0621, 21.1030, 22.4012



0.0000, 0.0000, 0.0000



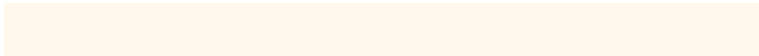
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3241, 69.7124, 69.6357



89.6592, 94.1981, 91.7511



67.0628, 72.0339, 70.0449



14.4388, 15.1636, 14.4726



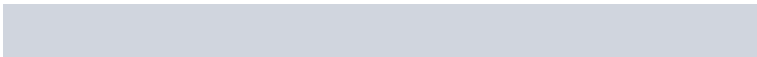
23.8167, 21.0713, 2.8119



1.7345, 1.6278, 0.2228

Inverse Universe

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



62.9913, 66.2711, 78.5796



83.8953, 88.2467, 107.2193



62.2820, 64.0688, 78.1918



13.3503, 14.0397, 17.3940



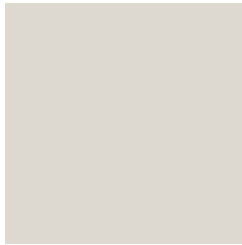
9.5972, 6.6639, 41.8288



0.7478, 0.6270, 2.9269

Previews

White Background



This preview shows how the XYZ color 66.3222, 69.7094, 69.6342 looks on a white background.

Color Contrast Check

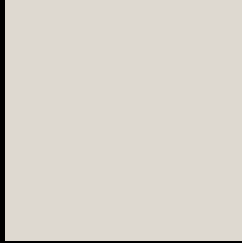
Large Text (above 18pt) WCAG AA × Fail

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 66.3222, 69.7094, 69.6342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

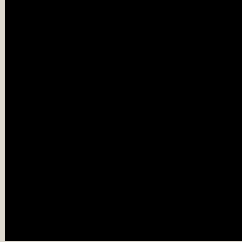
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

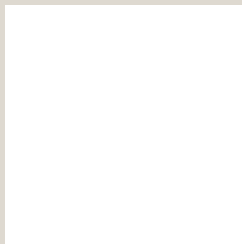
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3222, 69.7094, 69.6342

Background



This preview shows how black text looks on a background with the XYZ color 66.3222, 69.7094, 69.6342.

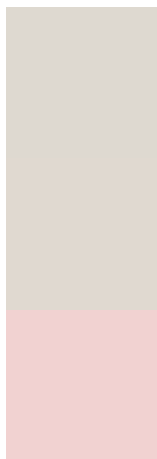


This preview shows how white text looks on a background with the XYZ color 66.3222, 69.7094,

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

66.3222, 69.7094, 69.6342

Protanopia

66.9385, 70.0271, 69.6630

Deuteranopia

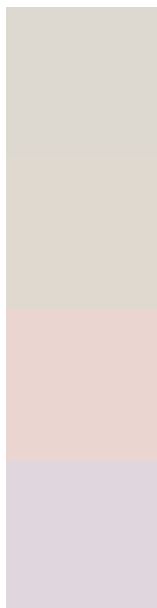
70.8308, 69.3974, 69.9835



Tritanopia

69.3808, 69.8139, 84.6816

Trichromacy



Original Color

66.3222, 69.7094, 69.6342

Protanomaly

66.6294, 69.8678, 69.6486

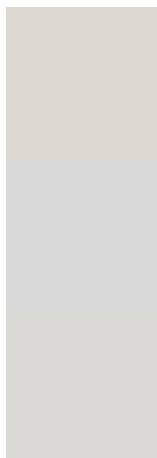
Deuteranomaly

69.2346, 69.6844, 70.1230

Tritanomaly

68.2257, 69.7221, 78.9691

Monochromacy



Original Color

66.3222, 69.7094, 69.6342

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1639, 69.5408, 73.5538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3222, 69.7094, 69.6342 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, 217, 208) looks like.

```
.text, #text, p{  
    color:rgb(222, 217, 208)  
}
```

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, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 66.3222, 69.7094, 69.6342 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, 217, 208) }
```


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

```
.border{ border-color:rgb(222, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3222, 69.7094, 69.6342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 208) }
```

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

```
.background{ background-color: rgb(222,  
217, 208) }
```

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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