

Converting Colors

XYZ(66.8607, 68.8462, 73.5462)

Have a look what the booklet for
XYZ(66.8607, 68.8462, 73.5462)
contains.

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Color

**XYZ(66.9246, 68.7955,
73.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D6D6
RGB	224, 214, 214
RGB Percent	88%, 84%, 84%
CMY	0.1216, 0.1608, 0.1608
CMYK	0.00, 0.04, 0.04, 0.12
HSL	0°, 14%, 86%
HSV	0°, 4%, 88%
XYZ	66.9246, 68.7955, 73.3699
YIQ	216.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

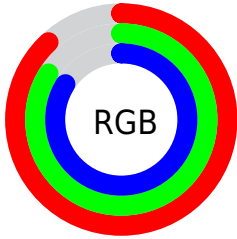
Format	Color
R _Y B	224, 214, 214
Decimal	14735062
CIE Lab	86.40, 3.43, 1.22
CIE LCh	86, 3.640, 19.512
Yxy	68.7955, 0.3201, 0.3290
Android (android.graphics.Color)	4292925142 (0xFFE0D6D6)
YUV	216.9900, -1.4741, 6.1478
Hunter-Lab	82.9431, -1.1233, 5.6133

Details

The XYZ color **66.9246, 68.7955, 73.3699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8416, 72.9880, 81.0342**, and the grayscale version is **65.9551, 69.3899, 75.5656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0183, 35.7345, 37.8527** is the 20% darker color. If you saturate the color by 10%, you get **58.9761, 57.1657, 57.5636**, and if you desaturate by 10%, it is **76.0494, 82.1466, 91.5108**.

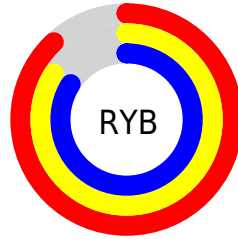
Distribution



Red (88%)

Green (84%)

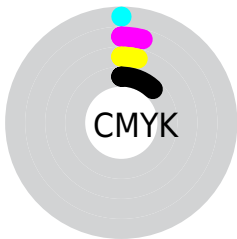
Blue (84%)



Red (88%)

Yellow (84%)

Blue (84%)

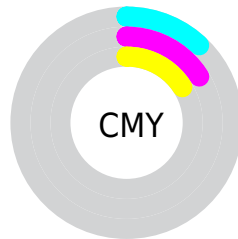


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9246, 68.7955, 73.3699 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 66.9246, 68.7955, 73.3699 by changing the saturation by 10% instead.

66.9246, 68.7955,
73.3699

66.9246, 68.7955,
73.3699

439.1130,
456.3094, 491.4009

49.2938, 50.5452,
53.7848

113.8628,
117.4894, 125.7280

35.0681, 35.8468,
38.0376

143.9009,
148.7019, 159.3380

23.8821, 24.3159,
25.7099

178.8054,
185.0038, 198.4602

15.3705, 15.5681,
16.3829

218.9418,
226.7795, 243.5129

9.1678, 9.2191,
9.6382

264.6755,
274.4136, 294.9149

4.9088, 4.8843,
5.0573

316.3716,

2.2280, 2.1796,

328.2903, 353.0845

2.2216

374.3957,
388.7941, 418.4403

■ 0.7575, 0.7088,
0.6868

■ 0.0000, 0.0000,
0.0000

■ 66.9246, 68.7955,
73.3699

■ 66.9246, 68.7955,
73.3699

■ 58.9761, 57.1657,
57.5636

■ 76.0494, 82.1466,
91.5108

■ 52.1506, 47.1786,
43.9930

■ 84.5508, 94.5875,
108.4086

■ 46.3992, 38.7630,
32.5585

■ 41.6673, 31.8388,
23.1515

■ 37.8953, 26.3192,
15.6535

■ 35.0177, 22.1081,
9.9340

■ 32.9607, 19.0976,
5.8462

■ 31.6386, 17.1624,
3.2198

■ 30.9470, 16.1498,
1.8470

Harmonies

Analogous

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



66.9915, 68.7955, 75.7530



66.9246, 68.7955, 73.3699



66.4439, 68.7955, 71.4383

Triad

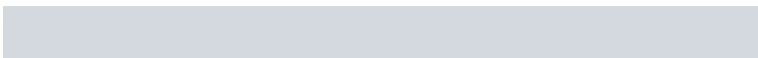
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9246, 68.7955, 73.3699



64.1655, 68.7955, 71.9388



65.0941, 68.7955, 79.5547

Complementary

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



66.9246, 68.7955, 73.3699



67.8416, 72.9880, 81.0342

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.



64.3434, 68.7955, 78.4854



66.9246, 68.7955, 73.3699



63.8104, 68.7955, 74.0665

Square

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



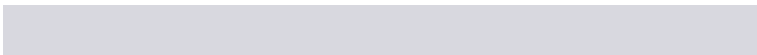
66.9246, 68.7955, 73.3699



64.8493, 68.7955, 70.6244



63.8752, 68.7955, 76.4646



65.9298, 68.7955, 79.3585

Rectangle

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



66.9246, 68.7955, 73.3699



65.9558, 68.7955, 70.6503



63.8752, 68.7955, 76.4646



64.8235, 68.7955, 79.3305

Sweetspot

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



66.9265, 68.7985, 73.3714



93.8343, 98.2213, 106.4828



68.2424, 69.3232, 80.3057



20.0972, 21.0421, 22.8172



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.



66.9265, 68.7985, 73.3714



89.1327, 91.3420, 97.1344



68.2104, 71.3663, 73.7994



14.3812, 14.6868, 15.5679



17.8939, 9.2258, 0.8376



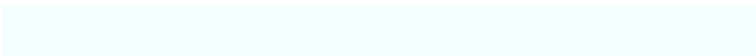
1.2405, 0.6398, 0.0581

Inverse Universe

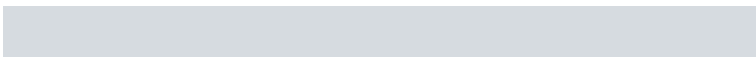
The Inverse Universe completely reimagines the original color for something new.



67.8416, 72.9880, 81.0342



90.5122, 97.6583, 108.6872



66.5185, 70.3419, 80.5932



14.6326, 15.8379, 17.6735



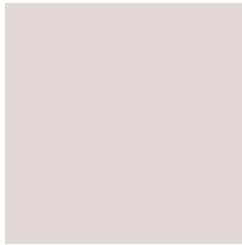
23.3334, 34.1364, 46.4075



1.6175, 2.3665, 3.2168

Previews

White Background



This preview shows how the XYZ color 66.9246, 68.7955, 73.3699 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 66.9246, 68.7955, 73.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

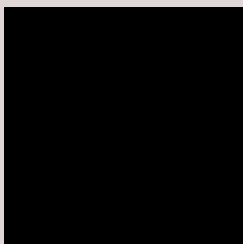
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

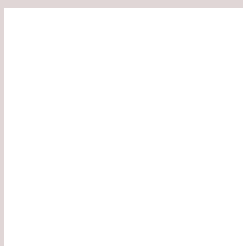
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9246, 68.7955, 73.3699

Background



This preview shows how black text looks on a background with the XYZ color 66.9246, 68.7955, 73.3699.

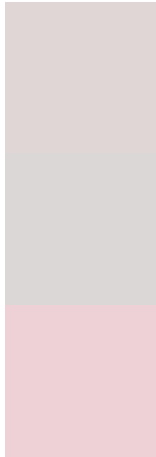


This preview shows how white text looks on a background with the XYZ color 66.9246, 68.7955,

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

66.9246, 68.7955, 73.3699

Protanopia

66.0814, 68.7228, 74.0719

Deuteranopia

69.9913, 68.5117, 73.8251



Tritanopia

68.9111, 68.8572, 83.0575

Trichromacy



Original Color

66.9246, 68.7955, 73.3699

Protanomaly

66.3850, 68.8793, 74.0862

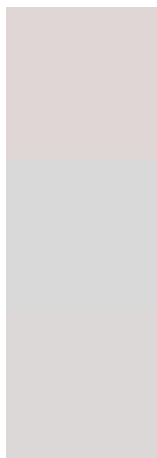
Deuteranomaly

68.8387, 68.6506, 73.9127

Tritanomaly

68.1649, 68.9238, 79.5230

Monochromacy



Original Color

66.9246, 68.7955, 73.3699

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4657, 69.2852, 74.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9246, 68.7955, 73.3699 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, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 214)  
}
```

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, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 214) }
```

Border

The CSS property to change the border of an element to XYZ 66.9246, 68.7955, 73.3699 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, 214, 214) }
```


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

```
.border{ border-color:rgb(224, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(224, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9246, 68.7955, 73.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 214) }
```

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

```
.background{ background-color: rgb(224,  
214, 214) }
```

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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