

Converting Colors

XYZ(66.2250, 68.7644, 73.4008)

Have a look what the booklet for
XYZ(66.2250, 68.7644, 73.4008)
contains.

XYZ(66.2568, 68.8281, 73.4114)	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(66.2568, 68.8281,
73.4114)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD7D6
RGB	221, 215, 214
RGB Percent	87%, 84%, 84%
CMY	0.1333, 0.1568, 0.1608
CMYK	0.00, 0.03, 0.03, 0.13
HSL	9°, 9%, 85%
HSV	9°, 3%, 87%
XYZ	66.2568, 68.8281, 73.4114
YIQ	216.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

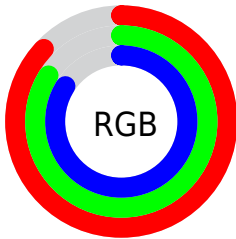
Format	Color
RYB	221, 215, 214
Decimal	14538710
CIELab	86.42, 1.88, 1.21
CIELCh	86, 2.233, 32.827
Yxy	68.8281, 0.3178, 0.3301
Android (android.graphics.Color)	4292728790 (0xFFDDD7D6)
YUV	216.6800, -1.3212, 3.7886
Hunter-Lab	82.9627, -2.6286, 5.6098

Details

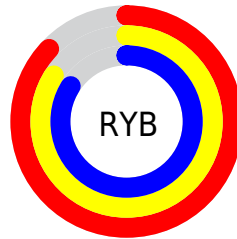
The XYZ color **66.2568, 68.8281, 73.4114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3758, 70.7018, 78.5558**, and the grayscale version is **65.7428, 69.1666, 75.3224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5547, 35.7518, 37.8804** is the 20% darker color. If you saturate the color by 10%, you get **59.0795, 58.6874, 58.0259**, and if you desaturate by 10%, it is **74.3788, 80.2435, 91.0027**.

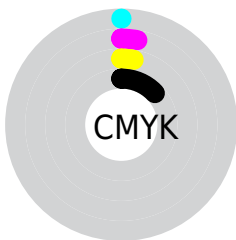
Distribution



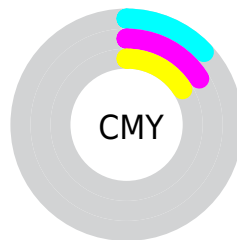
- Red (87%)
- Green (84%)
- Blue (84%)



- Red (87%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2568, 68.8281, 73.4114 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 66.2568, 68.8281, 73.4114 by changing the saturation by 10% instead.

■ 66.2568, 68.8281,
73.4114

■ 66.2568, 68.8281,
73.4114

436.7689,
456.4245, 491.5484

■ 48.7494, 50.5717,
53.8186

112.9105,
117.5360, 125.7874

■ 34.6344, 35.8679,
38.0644

142.7875,
148.7564, 159.4076

■ 23.5466, 24.3322,
25.7305

177.5184,
185.0668, 198.5407

■ 15.1205, 15.5802,
16.3982

217.4686,
226.8517, 243.6053

■ 8.9909, 9.2276,
9.6489

263.0034,
274.4956, 295.0198

■ 4.7923, 4.8899,
5.0643

314.4881,

■ 2.1594, 2.1828,

328.3827, 353.2027

2.2256

372.2882,
388.8976, 418.5728

■ 0.7212, 0.7106,
0.6891

■ 0.0000, 0.0000,
0.0000

■ 66.2568, 68.8281,
73.4114

■ 66.2568, 68.8281,
73.4114

■ 59.0795, 58.6874,
58.0259

■ 74.3788, 80.2435,
91.0027

■ 52.8067, 49.7684,
44.7548

■ 82.9523, 92.7586,
108.1399

■ 47.4042, 42.0277,
33.5068

■ 83.6291, 94.1123,
108.3655

■ 42.8330, 35.4158,
24.1824

■ 39.0515, 29.8796,
16.6733

■ 36.0142, 25.3620,
10.8608

■ 33.6709, 21.8002,
6.6119

■ 31.9650, 19.1246,
3.7735

■ 30.8304, 17.2558,
2.1615

Harmonies

Analogous

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



66.4156, 68.8281, 74.8020



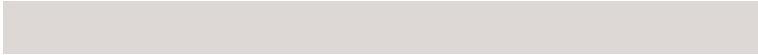
66.2568, 68.8281, 73.4114



65.8735, 68.8281, 72.4411

Triad

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



66.2568, 68.8281, 73.4114



64.5399, 68.8281, 73.6512



65.4680, 68.8281, 77.8178

Complementary

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



66.2568, 68.8281, 73.4114



66.3758, 70.7018, 78.5558

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.



64.9667, 68.8281, 77.5000



66.2568, 68.8281, 73.4114



64.4325, 68.8281, 75.0824

Square

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



66.2568, 68.8281, 73.4114



64.8824, 68.8281, 72.5783



64.5884, 68.8281, 76.4939



65.9587, 68.8281, 77.3567

Rectangle

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



66.2568, 68.8281, 73.4114



65.5431, 68.8281, 72.1565



64.5884, 68.8281, 76.4939



65.2952, 68.8281, 77.7985

Sweetspot

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



66.2587, 68.8311, 73.4129



93.9492, 98.4511, 106.5211



66.7933, 68.6371, 77.4851



20.1206, 21.0889, 22.8250



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.



66.2587, 68.8311, 73.4129



90.7267, 93.9119, 99.5712



67.1412, 70.5959, 73.7070



13.9410, 14.3892, 15.1840



17.6670, 9.6196, 0.9256



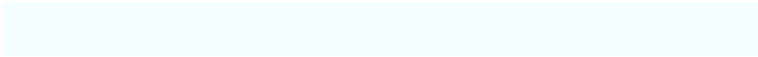
1.1937, 0.7214, 0.0763

Inverse Universe

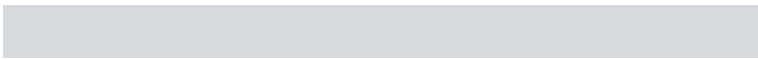
The Inverse Universe completely reimagines the original color for something new.



66.3758, 70.7018, 78.5558



90.9315, 97.1867, 108.5740



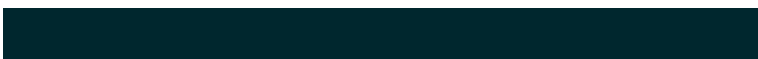
65.4850, 68.9202, 78.2589



13.9779, 14.9795, 16.8068



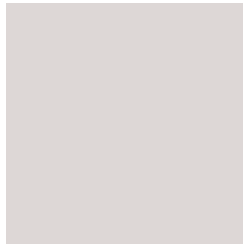
18.2550, 24.3795, 43.4820



1.2271, 1.6684, 2.8318

Previews

White Background



This preview shows how the XYZ color 66.2568, 68.8281, 73.4114 looks on a white background.

Color Contrast Check

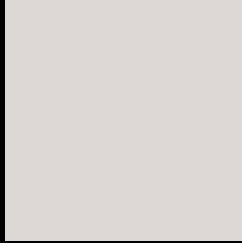
Large Text (above 18pt) WCAG AA × Fail

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 66.2568, 68.8281, 73.4114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

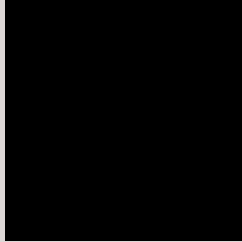
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

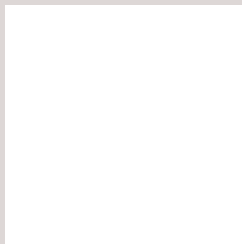
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2568, 68.8281, 73.4114

Background



This preview shows how black text looks on a background with the XYZ color 66.2568, 68.8281, 73.4114.

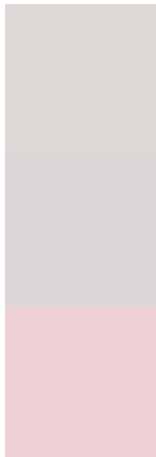


This preview shows how white text looks on a background with the XYZ color 66.2568, 68.8281,

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

66.2568, 68.8281, 73.4114

Protanopia

65.9532, 68.6716, 73.3972

Deuteranopia

69.9913, 68.5117, 73.8251



Tritanopia

68.3685, 68.9336, 83.8309

Trichromacy



Original Color

66.2568, 68.8281, 73.4114

Protanomaly

65.9532, 68.6716, 73.3972

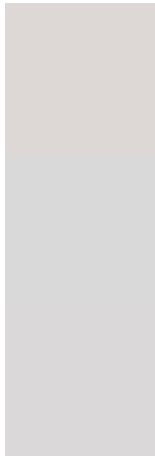
Deuteranomaly

68.5150, 68.4838, 73.8975

Tritanomaly

67.6253, 69.0045, 80.2760

Monochromacy



Original Color

66.2568, 68.8281, 73.4114

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8640, 68.9750, 74.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2568, 68.8281, 73.4114 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(221, 215, 214) looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 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(221, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 214) }
```

Border

The CSS property to change the border of an element to XYZ 66.2568, 68.8281, 73.4114 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(221, 215, 214) }
```


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

```
.border{ border-color:rgb(221, 215, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 215, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 215,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2568, 68.8281, 73.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 214) }
```

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

```
.background{ background-color: rgb(221,  
215, 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](#).

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