

Converting Colors

XYZ(67.9858, 71.4577, 73.5615)

Have a look what the booklet for
XYZ(67.9858, 71.4577, 73.5615)
contains.

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Color

**XYZ(68.1622, 71.7294,
73.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDCD6
RGB	223, 220, 214
RGB Percent	87%, 86%, 84%
CMY	0.1255, 0.1372, 0.1608
CMYK	0.00, 0.01, 0.04, 0.13
HSL	40°, 12%, 86%
HSV	40°, 4%, 87%
XYZ	68.1622, 71.7294, 73.8710
YIQ	220.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

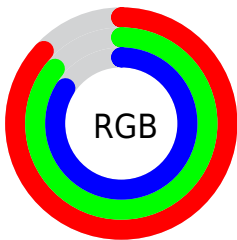
Format	Color
R _Y B	219, 223, 214
Decimal	14671062
CIE Lab	87.84, -0.03, 3.29
CIE LCh	88, 3.293, 90.550
Yxy	71.7294, 0.3189, 0.3356
Android (android.graphics.Color)	4292861142 (0xFFDFDCD6)
YUV	220.2130, -3.0630, 2.4442
Hunter-Lab	84.6932, -4.5540, 7.5714

Details

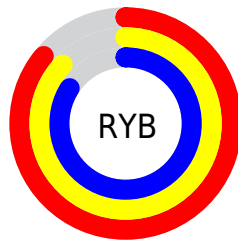
The XYZ color **68.1622, 71.7294, 73.8710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8637, 69.2486, 79.7078**, and the grayscale version is **68.1968, 71.7484, 78.1340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8616, 37.7383, 38.1950** is the 20% darker color. If you saturate the color by 10%, you get **63.6024, 66.8592, 59.2489**, and if you desaturate by 10%, it is **73.2025, 76.9348, 90.5787**.

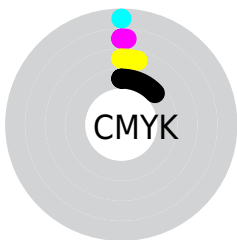
Distribution



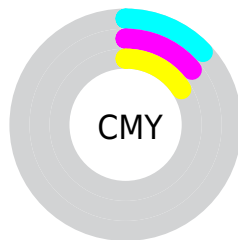
- Red (87%)
- Green (86%)
- Blue (84%)



- Red (86%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1622, 71.7294, 73.8710 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 68.1622, 71.7294, 73.8710 by changing the saturation by 10% instead.

■ 68.1622, 71.7294,
73.8710

■ 68.1622, 71.7294,
73.8710

443.4382,
466.5992, 493.1795

■ 50.3039, 52.9377,
54.1923

115.6248,
121.6717, 126.4453

■ 35.8737, 37.7530,
38.3612

145.9597,
153.5911, 160.1780

■ 24.5063, 25.7910,
25.9592

181.1843,
190.6552, 199.4324

■ 15.8364, 16.6674,
16.5676

221.6638,
233.2483, 244.6271

■ 9.4986, 9.9976,
9.7680

267.7635,
281.7548, 296.1806

■ 5.1275, 5.3974,
5.1418

319.8490,

■ 2.3578, 2.4823,

336.5592, 354.5115

2.2705

378.2854,
398.0459, 420.0383

■ 0.8240, 0.8677,
0.7146

■ 0.0000, 0.0000,
0.0000

■ 68.1622, 71.7294,
73.8710

■ 68.1622, 71.7294,
73.8710

■ 63.6024, 66.8592,
59.2489

■ 73.2025, 76.9348,
90.5787

■ 59.5003, 62.3065,
46.6243

■ 78.1478, 82.2401,
106.3628

■ 55.8399, 58.0652,
35.9101

■ 80.3159, 86.5765,
107.0856

■ 52.6019, 54.1260,
27.0105

■ 82.5738, 91.0923,
107.8382

■ 49.7655, 50.4785,
19.8215

■ 84.2418, 94.4282,
108.3942

■ 47.3079, 47.1118,
14.2285

■ 45.2034, 44.0135,
10.1027

■ 43.4225, 41.1698,
7.2952

■ 41.9296, 38.5645,
5.6248

Harmonies

Analogous

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



68.9191, 71.7294, 74.4086



68.1622, 71.7294, 73.8710



67.4147, 71.7294, 74.4487

Triad

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



68.1622, 71.7294, 73.8710



66.8891, 71.7294, 80.3119



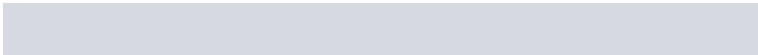
69.4952, 71.7294, 80.2390

Complementary

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



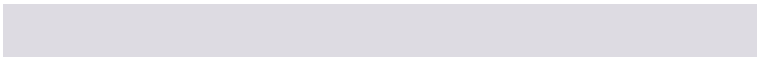
68.1622, 71.7294, 73.8710



65.8637, 69.2486, 79.7078

Split Complementary

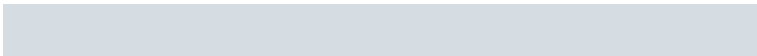
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9443, 71.7294, 81.8711



68.1622, 71.7294, 73.8710



67.4396, 71.7294, 81.9138

Square

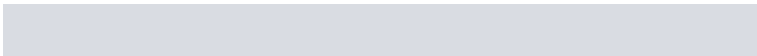
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1622, 71.7294, 73.8710



66.6831, 71.7294, 78.1425



68.1911, 71.7294, 82.4897



69.6923, 71.7294, 78.0598

Rectangle

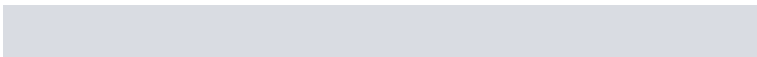
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



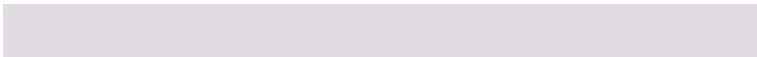
68.1622, 71.7294, 73.8710



67.0214, 71.7294, 75.3950



68.1911, 71.7294, 82.4897



69.3451, 71.7294, 80.8712

Sweetspot

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



68.1642, 71.7325, 73.8726



94.3719, 99.2964, 106.6620



67.0033, 68.7920, 75.3934



20.2066, 21.2610, 22.8536



0.0000, 0.0000, 0.0000



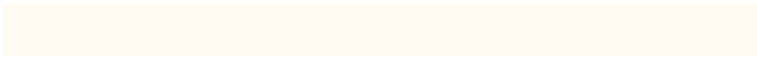
20.3446, 21.4041, 23.3091

Same Dimension

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



68.1642, 71.7325, 73.8726



91.7255, 96.5277, 97.9987



68.4974, 73.0821, 74.1155



14.8530, 15.6305, 15.7252



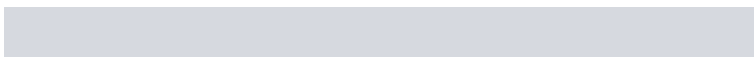
24.2988, 22.0354, 2.9726



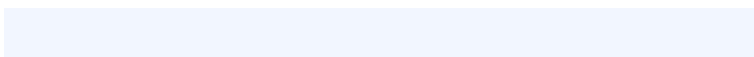
1.7655, 1.6898, 0.2331

Inverse Universe

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



65.8637, 69.2486, 79.7078



87.8601, 92.3541, 107.8031



65.5383, 67.9449, 79.4733



14.1485, 14.8698, 17.5121



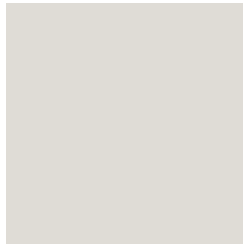
9.3735, 6.2166, 41.7542



0.7300, 0.5915, 2.9209

Previews

White Background



This preview shows how the XYZ color 68.1622, 71.7294, 73.8710 looks on a white background.

Color Contrast Check

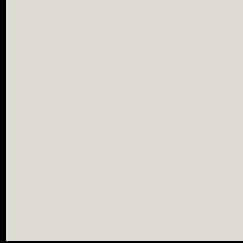
Large Text (above 18pt) WCAG AA × Fail

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 68.1622, 71.7294, 73.8710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

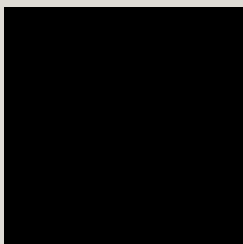
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

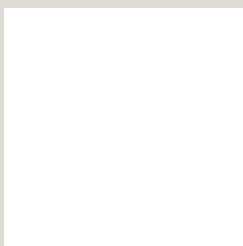
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1622, 71.7294, 73.8710

Background



This preview shows how black text looks on a background with the XYZ color 68.1622, 71.7294, 73.8710.

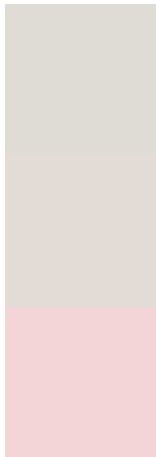


This preview shows how white text looks on a background with the XYZ color 68.1622, 71.7294,

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

68.1622, 71.7294, 73.8710

Protanopia

68.8331, 71.6868, 73.8274

Deuteranopia

73.0221, 71.5495, 74.2517



Tritanopia

71.0282, 71.7350, 87.9445

Trichromacy



Original Color

68.1622, 71.7294, 73.8710

Protanomaly

68.5205, 71.5256, 73.8127

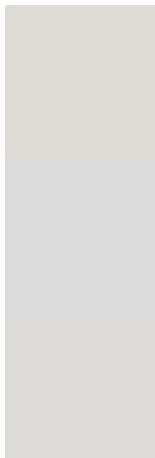
Deuteranomaly

71.4137, 71.8509, 74.3947

Tritanomaly

69.9879, 71.6964, 82.8231

Monochromacy



Original Color

68.1622, 71.7294, 73.8710

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.0669, 71.6205, 76.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1622, 71.7294, 73.8710 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(223, 220, 214) looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 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(223, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 214) }
```

Border

The CSS property to change the border of an element to XYZ 68.1622, 71.7294, 73.8710 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(223, 220, 214) }
```


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

```
.border{ border-color:rgb(223, 220, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1622, 71.7294, 73.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 214) }
```

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

```
.background{ background-color: rgb(223,  
220, 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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