

# Converting Colors

XYZ(68.2603, 71.0054, 73.7260)

Have a look what the booklet for  
XYZ(68.2603, 71.0054, 73.7260)  
contains.

<b>XYZ(68.2603, 71.0054, 73.7260)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(68.2603, 71.0054,  
73.7260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1DAD6
RGB	225, 218, 214
RGB Percent	88%, 85%, 84%
CMY	0.1176, 0.1451, 0.1608
CMYK	0.00, 0.03, 0.05, 0.12
HSL	22°, 15%, 86%
HSV	22°, 5%, 88%
XYZ	68.2603, 71.0054, 73.7260
YIQ	219.6370, 5.4560, 0.2400

# Conversions

## Conversions Part 2

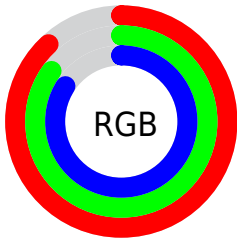
Format	Color
R <sub>Y</sub> B	225, 220, 214
Decimal	14801622
CIE Lab	87.49, 1.69, 2.80
CIE LCh	87, 3.275, 58.855
Yxy	71.0054, 0.3205, 0.3334
Android (android.graphics.Color)	4292991702 (0xFFE1DAD6)
YUV	219.6370, -2.7790, 4.7034
Hunter-Lab	84.2647, -2.8657, 7.1105

# Details

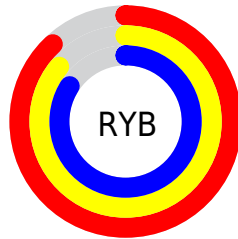
The XYZ color **68.2603, 71.0054, 73.7260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1784, 71.4441, 81.4843**, and the grayscale version is **67.7923, 71.3228, 77.6705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9328, 37.2436, 38.0958** is the 20% darker color. If you saturate the color by 10%, you get **62.0315, 62.8326, 58.4385**, and if you desaturate by 10%, it is **75.2105, 79.9840, 91.2140**.

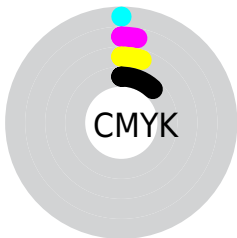
# Distribution



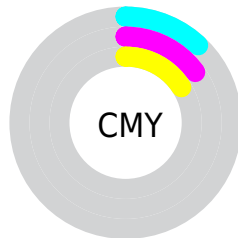
- Red (88%)
- Green (85%)
- Blue (84%)



- Red (88%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2603, 71.0054, 73.7260 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 68.2603, 71.0054, 73.7260 by changing the saturation by 10% instead.



■ 68.2603, 71.0054,  
73.7260

■ 68.2603, 71.0054,  
73.7260

443.7800,  
464.0723, 492.6653

■ 50.3840, 52.3466,  
54.0744

115.7643,  
120.6414, 126.2378

■ 35.9376, 37.2814,  
38.2675

146.1227,  
152.3874, 159.9350

■ 24.5559, 25.4255,  
25.8870

181.3725,  
189.2646, 199.1512

■ 15.8735, 16.3943,  
16.5141

221.8791,  
231.6574, 244.3049

■ 9.5249, 9.8036,  
9.7304

268.0077,  
279.9502, 295.8146

■ 5.1450, 5.2689,  
5.1173

320.1239,

■ 2.3682, 2.4059,

334.5273, 354.0988

2.2563

378.5928,  
395.7732, 419.5762

■ 0.8292, 0.8289,  
0.7066

■ 0.0000, 0.0000,  
0.0000

■ 68.2603, 71.0054,  
73.7260

■ 68.2603, 71.0054,  
73.7260

■ 62.0315, 62.8326,  
58.4385

■ 75.2105, 79.9840,  
91.2140

■ 56.4939, 55.4337,  
45.2590

■ 82.2479, 89.5202,  
107.5519

■ 51.6238, 48.7882,  
34.0952

■ 84.8617, 94.7477,  
108.4232

■ 47.3939, 42.8711,  
24.8462

■ 43.7746, 37.6559,  
17.4021

■ 40.7341, 33.1145,  
11.6421

■ 38.2370, 29.2166,  
7.4300

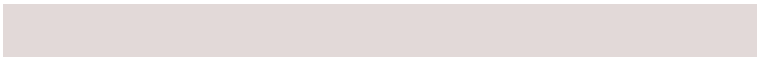
■ 36.2432, 25.9289,  
4.6080

■ 34.7055, 23.2140,  
2.9836

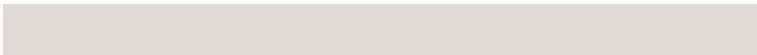
# Harmonies

## Analogous

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



68.7989, 71.0054, 75.2764



68.2603, 71.0054, 73.7260



67.5182, 71.0054, 73.1339

# Triad

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



68.2603, 71.0054, 73.7260



66.0131, 71.0054, 77.2277



68.2084, 71.0054, 81.1019

# Complementary

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



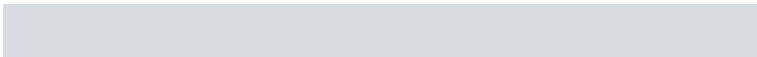
68.2603, 71.0054, 73.7260



67.1784, 71.4441, 81.4843

# 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.



67.4588, 71.0054, 81.6480



68.2603, 71.0054, 73.7260



66.1948, 71.0054, 79.3856

# Square

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



68.2603, 71.0054, 73.7260



66.2242, 71.0054, 75.1317



66.7225, 71.0054, 81.0141



68.7688, 71.0054, 79.5358



# Rectangle

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



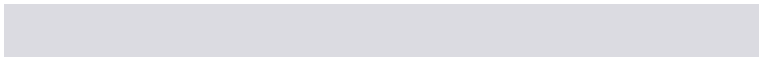
68.2603, 71.0054, 73.7260



67.0092, 71.0054, 73.3534



66.7225, 71.0054, 81.0141



67.9701, 71.0054, 81.4122

# Sweetspot

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



68.2623, 71.0085, 73.7275



94.1269, 98.8065, 106.5803



68.1699, 69.3301, 78.3014



20.1568, 21.1612, 22.8370



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

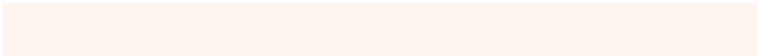


# Same Dimension

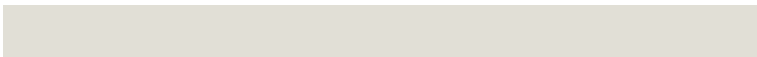
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2623, 71.0085, 73.7275



89.6576, 93.0014, 95.4302



69.6711, 73.8260, 74.1971



14.5030, 15.0226, 15.3243



19.7293, 12.8964, 1.4494



1.4507, 1.0603, 0.1282

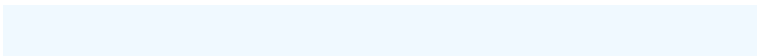


# Inverse Universe

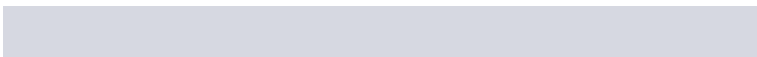
The Inverse Universe completely reimagines the original color for something new.



67.1784, 71.4441, 81.4843



87.8924, 93.7107, 108.0633



65.7894, 68.6660, 81.0213



14.1900, 15.1483, 17.5637



13.6149, 14.6994, 43.1680

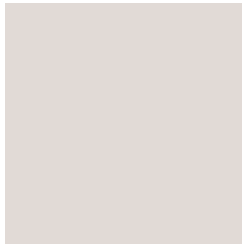


1.0280, 1.1874, 3.0203



# Previews

## White Background



This preview shows how the XYZ color 68.2603, 71.0054, 73.7260 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

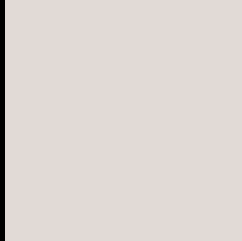
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 68.2603, 71.0054, 73.7260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

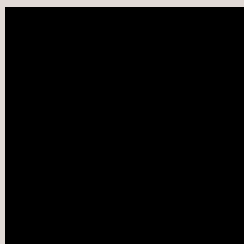
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

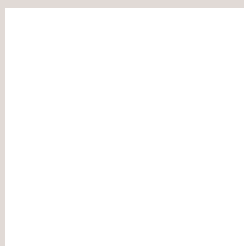
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 68.2603, 71.0054, 73.7260**

## **Background**



This preview shows how black text looks on a background with the XYZ color 68.2603, 71.0054, 73.7260.



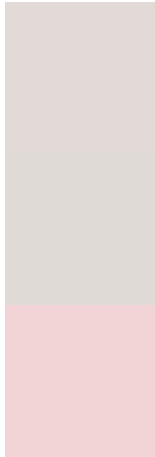
This preview shows how white text looks on a background with the XYZ color 68.2603, 71.0054,

73.7260.

# 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

68.2603, 71.0054, 73.7260

### Protanopia

67.9495, 70.8451, 73.7115

### Deuteranopia

72.4272, 70.8705, 74.1520



## Tritanopia

70.8608, 70.9211, 86.2983

# Trichromacy



## Original Color

68.2603, 71.0054, 73.7260

## Protanomaly

67.9495, 70.8451, 73.7115

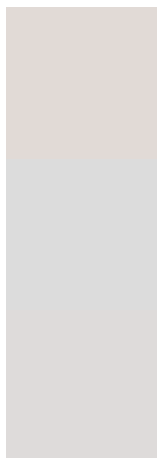
## Deuteranomaly

70.9044, 70.8323, 74.2249

## Tritanomaly

69.8250, 70.8789, 81.2350

# Monochromacy



## Original Color

68.2603, 71.0054, 73.7260

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

68.1106, 71.2546, 76.4934

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 68.2603, 71.0054, 73.7260 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(225, 218, 214) looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 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(225, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 68.2603, 71.0054, 73.7260 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(225, 218, 214) }
```



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

```
.border{ border-color:rgb(225, 218, 214) }
```

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

Here you see how a box with a 4 pixel rgb(225, 218, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 68.2603, 71.0054, 73.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 214) }
```

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

```
.background{ background-color: rgb(225,  
218, 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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