

Converting Colors

XYZ(71.6209, 75.1043, 73.6725)

Have a look what the booklet for
XYZ(71.6209, 75.1043, 73.6725)
contains.

XYZ(71.6209, 75.1043, 73.6725)	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(71.6209, 75.1043,
73.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E0D5
RGB	231, 224, 213
RGB Percent	91%, 88%, 84%
CMY	0.0941, 0.1215, 0.1647
CMYK	0.00, 0.03, 0.08, 0.09
HSL	37°, 27%, 87%
HSV	37°, 8%, 91%
XYZ	71.6209, 75.1043, 73.6725
YIQ	224.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

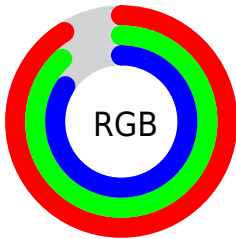
Format	Color
R_{YB}	224, 231, 213
Decimal	15196373
CIE Lab	89.44, 0.50, 6.21
CIE LCh	89, 6.235, 85.388
Yxy	75.1043, 0.3250, 0.3408
Android (android.graphics.Color)	4293386453 (0xFFE7E0D5)
YUV	224.8390, -5.8366, 5.4032
Hunter-Lab	86.6627, -4.1416, 10.2611

Details

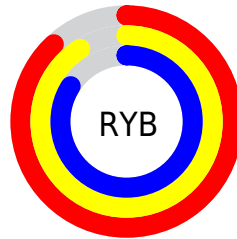
The XYZ color **71.6209, 75.1043, 73.6725** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4575, 71.1010, 85.7707**, and the grayscale version is **71.4909, 75.2140, 81.9080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0387, 39.9585, 38.0557** is the 20% darker color. If you saturate the color by 10%, you get **66.5463, 69.3174, 58.5310**, and if you desaturate by 10%, it is **77.2448, 81.3197, 91.0594**.

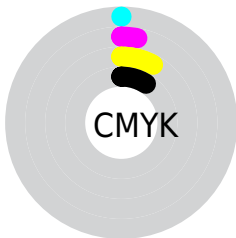
Distribution



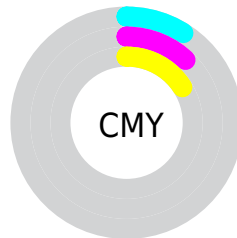
- Red (91%)
- Green (88%)
- Blue (84%)



- Red (88%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6209, 75.1043, 73.6725 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 71.6209, 75.1043, 73.6725 by changing the saturation by 10% instead.

■ 71.6209, 75.1043,
73.6725

■ 71.6209, 75.1043,
73.6725

455.3992,
478.2760, 492.4754

■ 53.1334, 55.6983,
54.0309

120.5311,
126.4600, 126.1612

■ 38.1372, 39.9611,
38.2330

151.6846,
159.1785, 159.8453

■ 26.2669, 27.5082,
25.8603

187.7907,
197.1033, 199.0474

■ 17.1571, 17.9553,
16.4944

229.2149,
240.6189, 244.1859

■ 10.4426, 10.9179,
9.7165

276.3224,
290.1095, 295.6795

■ 5.7579, 6.0116,
5.1083

329.4788,

■ 2.7377, 2.8522,

345.9597, 353.9465

2.2511

389.0492,
408.5537, 419.4057

■ 1.0166, 1.0550,
0.7036

■ 0.0000, 0.0000,
0.0000

■ 71.6209, 75.1043,
73.6725

■ 71.6209, 75.1043,
73.6725

■ 66.5463, 69.3174,
58.5310

■ 77.2448, 81.3197,
91.0594

■ 61.9953, 63.9382,
45.5368

■ 82.7461, 87.6906,
107.1725

■ 57.9491, 58.9585,
34.5919

■ 85.4838, 93.1658,
108.0851

■ 54.3853, 54.3661,
25.5885

■ 86.7654, 95.7291,
108.5123

■ 51.2797, 50.1480,
18.4089

■ 48.6054, 46.2898,
12.9226

■ 46.3323, 42.7762,
8.9815

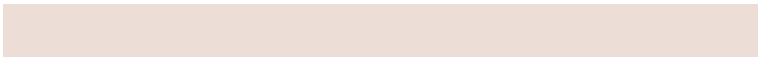
■ 44.4250, 39.5892,
6.4113

■ 42.8363, 36.7062,
4.9738

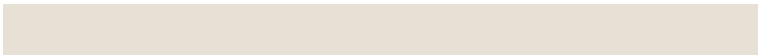
Harmonies

Analogous

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



73.0662, 75.1043, 75.0446



71.6209, 75.1043, 73.6725



70.1322, 75.1043, 74.4075

Triad

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



71.6209, 75.1043, 73.6725



68.7629, 75.1043, 85.4365



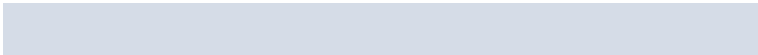
73.8297, 75.1043, 86.6489

Complementary

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



71.6209, 75.1043, 73.6725



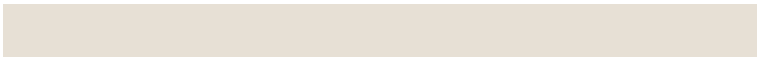
67.4575, 71.1010, 85.7707

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.



72.6514, 75.1043, 89.6152



71.6209, 75.1043, 73.6725



69.7285, 75.1043, 88.8980

Square

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



71.6209, 75.1043, 73.6725



68.4958, 75.1043, 81.1011



71.1484, 75.1043, 90.4525



74.3530, 75.1043, 82.4543

Rectangle

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



71.6209, 75.1043, 73.6725



69.3133, 75.1043, 76.0078



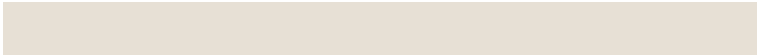
71.1484, 75.1043, 90.4525



73.4963, 75.1043, 87.8285

Sweetspot

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



71.6230, 75.1076, 73.6741



93.6105, 98.4177, 104.4230



69.6950, 69.7564, 77.6411



20.0516, 21.0821, 22.3977



0.0000, 0.0000, 0.0000



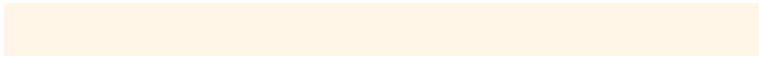
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6230, 75.1076, 73.6741



88.7928, 93.0494, 89.6616



72.9641, 78.6478, 74.2868



15.1067, 15.8273, 15.1632



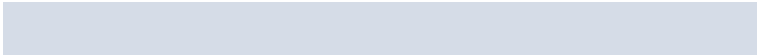
23.9570, 20.4881, 2.6919



1.8599, 1.6931, 0.2288

Inverse Universe

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



67.4575, 71.1010, 85.7707



82.7913, 87.2768, 107.0903



66.1847, 67.7759, 85.1960



14.0399, 14.8012, 18.2613



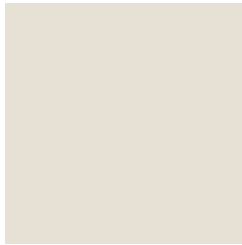
10.2375, 7.5371, 43.2984



0.8446, 0.7331, 3.2289

Previews

White Background



This preview shows how the XYZ color 71.6209, 75.1043, 73.6725 looks on a white background.

Color Contrast Check

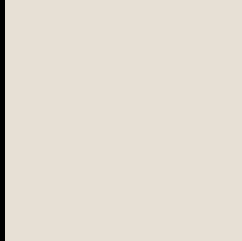
Large Text (above 18pt) WCAG AA × Fail

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 71.6209, 75.1043, 73.6725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

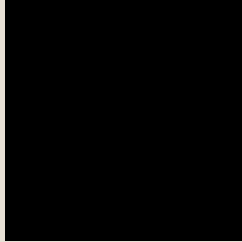
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

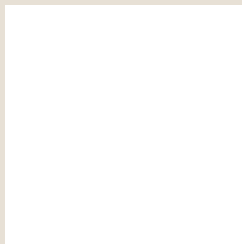
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6209, 75.1043, 73.6725

Background



This preview shows how black text looks on a background with the XYZ color 71.6209, 75.1043, 73.6725.

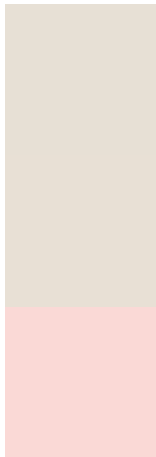


This preview shows how white text looks on a background with the XYZ color 71.6209, 75.1043,

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

71.6209, 75.1043, 73.6725

Protanopia

71.9446, 75.2712, 73.6877

Deuteranopia

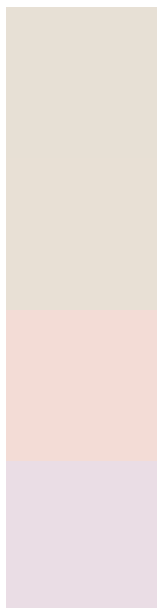
76.3748, 74.8047, 74.0317



Tritanopia

75.2868, 75.0216, 91.4015

Trichromacy



Original Color

71.6209, 75.1043, 73.6725

Protanomaly

71.9446, 75.2712, 73.6877

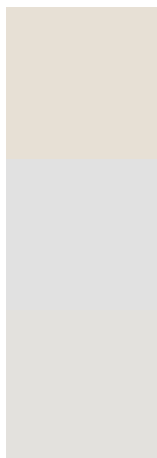
Deuteranomaly

74.6929, 75.0961, 74.1766

Tritanomaly

73.9310, 74.8625, 84.6821

Monochromacy



Original Color

71.6209, 75.1043, 73.6725

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6549, 75.4018, 79.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6209, 75.1043, 73.6725 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(231, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 213)  
}
```

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(231, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.6209, 75.1043, 73.6725 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(231, 224, 213) }
```


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

```
.border{ border-color:rgb(231, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6209, 75.1043, 73.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 213) }
```

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

```
.background{ background-color: rgb(231,  
224, 213) }
```

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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