

Converting Colors

XYZ(69.5562, 73.0145, 60.6633)

Have a look what the booklet for
XYZ(69.5562, 73.0145, 60.6633)
contains.

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Color

**XYZ(69.7430, 73.2253,
60.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDC1
RGB	235, 221, 193
RGB Percent	92%, 87%, 76%
CMY	0.0784, 0.1333, 0.2431
CMYK	0.00, 0.06, 0.18, 0.08
HSL	40°, 51%, 84%
HSV	40°, 18%, 92%
XYZ	69.7430, 73.2253, 60.9101
YIQ	221.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

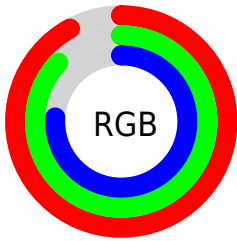
Format	Color
R _Y B	214, 235, 193
Decimal	15457729
CIE Lab	88.56, 0.31, 15.47
CIE LCh	89, 15.477, 88.846
Yxy	73.2253, 0.3421, 0.3592
Android (android.graphics.Color)	4293647809 (0xFFEBDDC1)
YUV	221.9940, -14.2940, 11.4063
Hunter-Lab	85.5718, -4.2690, 17.6976

Details

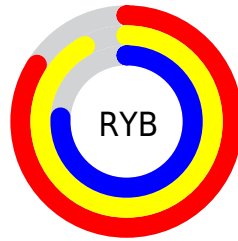
The XYZ color **69.7430, 73.2253, 60.9101** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.3002, 61.9598, 87.4317**, and the grayscale version is **69.5177, 73.1381, 79.6473**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **36.8868, 38.7202, 29.9557** is the 20% darker color. If you saturate the color by 10%, you get **65.3081, 68.2224, 47.5096**, and if you desaturate by 10%, it is **74.6949, 78.5943, 76.5398**.

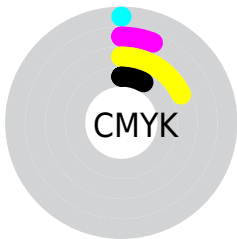
Distribution



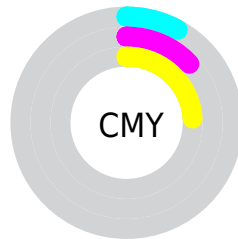
- Red (92%)
- Green (87%)
- Blue (76%)



- Red (84%)
- Yellow (92%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7430, 73.2253, 60.9101 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 69.7430, 73.2253, 60.9101 by changing the saturation by 10% instead.


 69.7430, 73.2253,
60.9101

 69.7430, 73.2253,
60.9101


448.9276,
471.7953, 445.8417

 51.5959, 54.1602,
43.7225


 117.8705,
123.7970, 107.7050

 36.9060, 38.7298,
30.1168


148.5815,
156.0724, 138.1495

 25.3081, 26.5496,
19.6745


184.2112,
193.5200, 173.8499

 16.4367, 17.2352,
11.9769

225.1250,
236.5243, 215.2250

 9.9265, 10.4023,
6.6056

271.6882,
285.4695, 262.6931

 5.4121, 5.6665,
3.1420

324.2661,

 2.5283, 2.6434,

340.7402, 316.6730

1.1676

383.2241,
402.7206, 377.5830

■ 0.9095, 0.9485,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.7430, 73.2253,
60.9101

■ 69.7430, 73.2253,
60.9101

■ 65.3081, 68.2224,
47.5096

■ 74.6949, 78.5943,
76.5398

■ 61.3634, 63.5653,
36.2299

■ 80.1775, 84.3294,
94.4909

■ 57.8883, 59.2461,
26.9603

■ 84.8118, 89.8836,
107.4869

■ 54.8583, 55.2530,
19.5783

■ 87.2248, 94.7095,
108.2913

■ 52.2461, 51.5727,
13.9478

■ 88.0711, 96.4023,
108.5734

■ 50.0213, 48.1908,
9.9143

■ 48.1478, 45.0906,
7.2960

■ 46.5770, 42.2502,
5.8438

■ 46.2664, 41.6728,
5.6052

Harmonies

Analogous

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



73.3744, 73.2253, 63.4153



69.7430, 73.2253, 60.9101



66.1960, 73.2253, 63.0608

Triad

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



69.7430, 73.2253, 60.9101



63.5046, 73.2253, 90.0536



75.9170, 73.2253, 90.8330

Complementary

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



69.7430, 73.2253, 60.9101



59.3002, 61.9598, 87.4317

Split Complementary

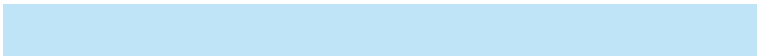
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1155, 73.2253, 99.1045



69.7430, 73.2253, 60.9101



65.9543, 73.2253, 98.6270

Square

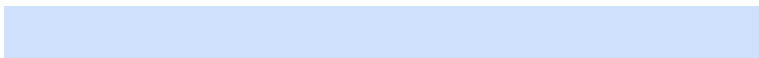
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7430, 73.2253, 60.9101



62.6727, 73.2253, 79.3169



69.4541, 73.2253, 102.0746



77.0165, 73.2253, 80.1443

Rectangle

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



69.7430, 73.2253, 60.9101



64.3378, 73.2253, 66.9646



69.4541, 73.2253, 102.0746



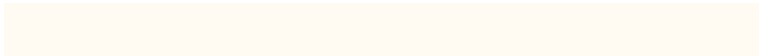
75.1383, 73.2253, 94.0224

Sweetspot

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



69.7450, 73.2286, 60.9117



91.7242, 96.5250, 97.9982



64.5941, 60.3080, 67.2685



19.5355, 20.5577, 20.6600



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.



69.7450, 73.2286, 60.9117



82.1651, 86.1571, 67.8357



71.3295, 79.7614, 62.0891



15.9046, 16.7322, 15.9101



25.8713, 23.4368, 3.1602



2.1193, 2.0159, 0.2774

Inverse Universe

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



59.3002, 61.9598, 87.4317



67.6668, 70.5165, 104.6524



57.8856, 56.4184, 86.4367



14.6413, 15.3690, 19.1171



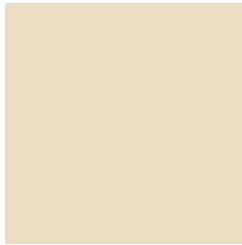
9.9788, 6.6046, 44.4918



0.8691, 0.6897, 3.5222

Previews

White Background



This preview shows how the XYZ color 69.7430, 73.2253, 60.9101 looks on a white background.

Color Contrast Check

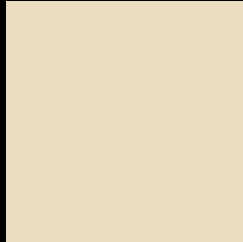
Large Text (above 18pt) WCAG AA × Fail

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 69.7430, 73.2253, 60.9101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

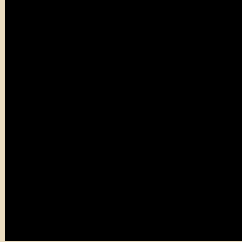
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

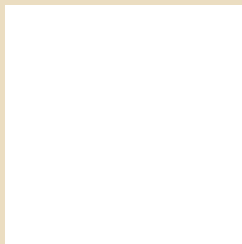
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7430, 73.2253, 60.9101

Background



This preview shows how black text looks on a background with the XYZ color 69.7430, 73.2253, 60.9101.

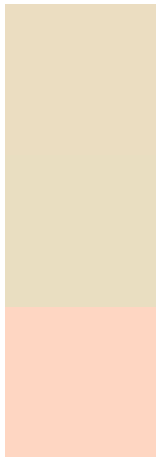


This preview shows how white text looks on a background with the XYZ color 69.7430, 73.2253,

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

69.7430, 73.2253, 60.9101

Protanopia

69.3512, 73.4164, 60.9677

Deuteranopia

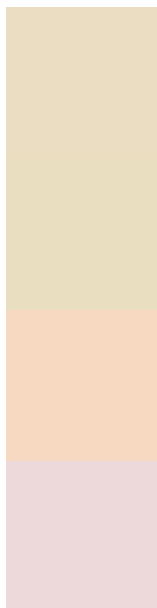
74.6572, 73.0590, 61.2059



Tritanopia

74.8011, 72.9523, 86.4827

Trichromacy



Original Color

69.7430, 73.2253, 60.9101

Protanomaly

69.6786, 73.5852, 60.9830

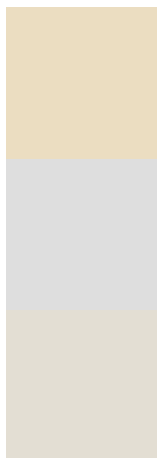
Deuteranomaly

72.9082, 73.2949, 61.3436

Tritanomaly

72.7276, 72.8648, 76.5608

Monochromacy



Original Color

69.7430, 73.2253, 60.9101

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5577, 73.2766, 72.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7430, 73.2253, 60.9101 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(235, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 193)  
}
```

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(235, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 193) }
```

Border

The CSS property to change the border of an element to XYZ 69.7430, 73.2253, 60.9101 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(235, 221, 193) }
```


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

```
.border{ border-color:rgb(235, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7430, 73.2253, 60.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 193) }
```

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

```
.background{ background-color: rgb(235,  
221, 193) }
```

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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