

Converting Colors

XYZ(72.3478, 75.3999, 72.2258)

Have a look what the booklet for
XYZ(72.3478, 75.3999, 72.2258)
contains.

XYZ(72.3452, 75.5069, 72.3893)	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(72.3452, 75.5069,
72.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0D3
RGB	234, 224, 211
RGB Percent	92%, 88%, 83%
CMY	0.0823, 0.1215, 0.1725
CMYK	0.00, 0.04, 0.10, 0.08
HSL	34°, 35%, 87%
HSV	34°, 10%, 92%
XYZ	72.3452, 75.5069, 72.3893
YIQ	225.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

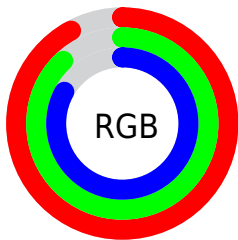
Format	Color
R _Y B	229, 234, 211
Decimal	15392979
CIE Lab	89.63, 1.22, 7.56
CIE LCh	90, 7.662, 80.843
Yxy	75.5069, 0.3285, 0.3428
Android (android.graphics.Color)	4293583059 (0xFFEAE0D3)
YUV	225.5080, -7.1524, 7.4475
Hunter-Lab	86.8947, -3.4535, 11.4336

Details

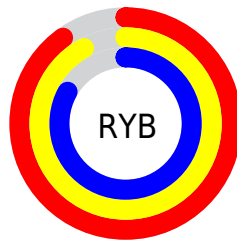
The XYZ color **72.3452, 75.5069, 72.3893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5715, 71.5009, 88.0823**, and the grayscale version is **71.9802, 75.7288, 82.4687**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6339, 40.2752, 37.6360** is the 20% darker color. If you saturate the color by 10%, you get **66.9714, 69.1166, 57.1631**, and if you desaturate by 10%, it is **78.3138, 82.4016, 89.9224**.

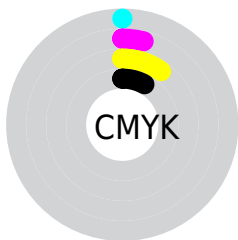
Distribution



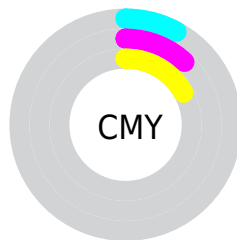
- Red (92%)
- Green (88%)
- Blue (83%)



- Red (90%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3452, 75.5069, 72.3893 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 72.3452, 75.5069, 72.3893 by changing the saturation by 10% instead.

72.3452, 75.5069,
72.3893

72.3452, 75.5069,
72.3893

457.8812,
479.6580, 487.9094

53.7272, 56.0283,
52.9880

121.5553,
127.0296, 124.3227

38.6134, 40.2256,
37.4055

152.8782,
159.8425, 157.6919

26.6385, 27.7145,
25.2234

189.1666,
197.8690, 196.5541

17.4371, 18.1105,
16.0230

230.7861,
241.4933, 241.3278

10.6438, 11.0294,
9.3859

278.1020,
291.1000, 292.4317

5.8934, 6.0866,
4.8935

331.4795,

2.8204, 2.8978,

347.0735, 350.2842

2.1273

391.2842,
409.7980, 415.3040

■ 1.0595, 1.0786,
0.6319

■ 0.0000, 0.0000,
0.0000

■ 72.3452, 75.5069,
72.3893

■ 72.3452, 75.5069,
72.3893

■ 66.9714, 69.1166,
57.1631

■ 78.3138, 82.4016,
89.9224

■ 62.1648, 63.2078,
44.1413

■ 84.4365, 89.6215,
107.4561

■ 57.9051, 57.7701,
33.2207

■ 87.5871, 95.9229,
108.5064

■ 54.1678, 52.7889,
24.2879

■ 87.7420, 96.2326,
108.5580

■ 50.9265, 48.2488,
17.2188

■ 48.1519, 44.1330,
11.8750

■ 45.8109, 40.4230,
8.0986

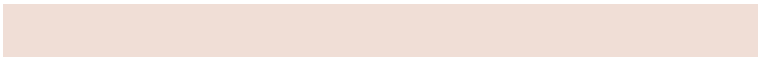
■ 43.8649, 37.0979,
5.7020

■ 42.2509, 34.1268,
4.3718

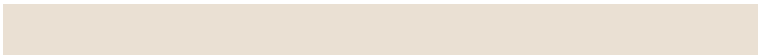
Harmonies

Analogous

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



74.0793, 75.5069, 74.4275



72.3452, 75.5069, 72.3893



70.4856, 75.5069, 72.8928

Triad

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



72.3452, 75.5069, 72.3893



68.4339, 75.5069, 85.9618



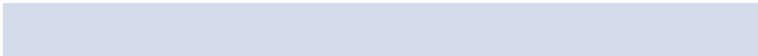
74.6134, 75.5069, 88.9422

Complementary

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



72.3452, 75.5069, 72.3893



67.5715, 71.5009, 88.0823

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.



73.0640, 75.5069, 92.2982



72.3452, 75.5069, 72.3893



69.5034, 75.5069, 90.5258

Square

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



72.3452, 75.5069, 72.3893



68.2491, 75.5069, 80.5738



71.1920, 75.5069, 92.8901



75.4039, 75.5069, 83.8766

Rectangle

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



72.3452, 75.5069, 72.3893



69.4235, 75.5069, 74.6113



71.1920, 75.5069, 92.8901



74.1628, 75.5069, 90.3167

Sweetspot

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



72.3473, 75.5102, 72.3909



92.7911, 97.4141, 102.1913



70.3247, 69.3211, 78.3261



19.7343, 20.7047, 21.4989



0.0000, 0.0000, 0.0000



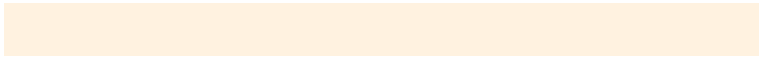
20.3446, 21.4041, 23.3091

Same Dimension

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



72.3473, 75.5102, 72.3909



86.4123, 89.9903, 83.6212



74.7368, 80.8480, 73.2953



15.7722, 16.4674, 15.8660



23.8554, 19.4050, 2.4882



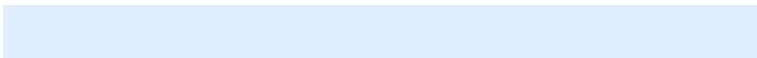
1.9686, 1.7145, 0.2272

Inverse Universe

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



67.5715, 71.5009, 88.0823



79.4014, 84.1049, 106.6567



65.3412, 66.5495, 87.2441



14.7697, 15.6258, 19.1599



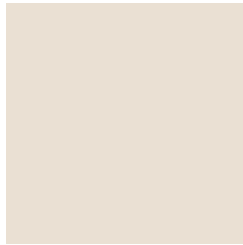
11.1187, 8.8845, 44.8718



0.9672, 0.8858, 3.5549

Previews

White Background



This preview shows how the XYZ color 72.3452, 75.5069, 72.3893 looks on a white background.

Color Contrast Check

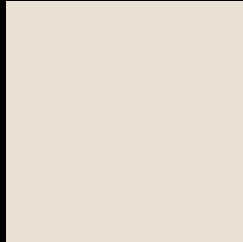
Large Text (above 18pt) WCAG AA × Fail

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 72.3452, 75.5069, 72.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

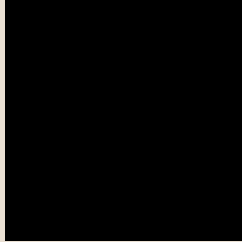
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3452, 75.5069, 72.3893

Background



This preview shows how black text looks on a background with the XYZ color 72.3452, 75.5069, 72.3893.



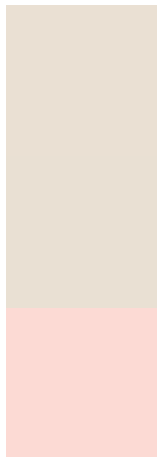
This preview shows how white text looks on a background with the XYZ color 72.3452, 75.5069,

72.3893.

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

72.3452, 75.5069, 72.3893

Protanopia

72.0178, 75.3381, 72.3740

Deuteranopia

77.1000, 75.5917, 72.8144



Tritanopia

76.1392, 75.4780, 90.6765

Trichromacy



Original Color

72.3452, 75.5069, 72.3893

Protanomaly

72.0178, 75.3381, 72.3740

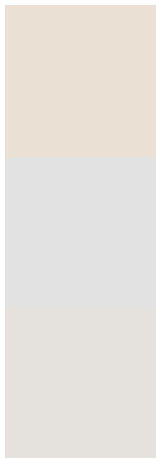
Deuteranomaly

75.1331, 75.3523, 72.8719

Tritanomaly

74.7851, 75.3189, 83.9952

Monochromacy



Original Color

72.3452, 75.5069, 72.3893

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2895, 75.7289, 79.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3452, 75.5069, 72.3893 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(234, 224, 211) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 211)  
}
```

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(234, 224, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.3452, 75.5069, 72.3893 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(234, 224, 211) }
```


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

```
.border{ border-color:rgb(234, 224, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 211);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3452, 75.5069, 72.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 211) }
```

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

```
.background{ background-color: rgb(234,  
224, 211) }
```

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