

Converting Colors

XYZ(72.3107, 75.6923, 73.2765)

Have a look what the booklet for
XYZ(72.3107, 75.6923, 73.2765)
contains.

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Color

**XYZ(72.4132, 75.9275,
73.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E1D4
RGB	233, 225, 212
RGB Percent	91%, 88%, 83%
CMY	0.0863, 0.1176, 0.1686
CMYK	0.00, 0.03, 0.09, 0.09
HSL	37°, 32%, 87%
HSV	37°, 9%, 91%
XYZ	72.4132, 75.9275, 73.1263
YIQ	225.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

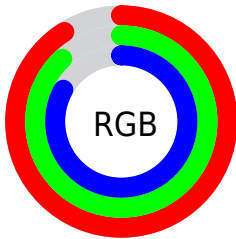
Format	Color
R _Y B	225, 233, 212
Decimal	15327700
CIE Lab	89.83, 0.52, 7.31
CIE LCh	90, 7.330, 85.943
Yxy	75.9275, 0.3270, 0.3428
Android (android.graphics.Color)	4293517780 (0xFFE9E1D4)
YUV	225.9100, -6.8576, 6.2179
Hunter-Lab	87.1364, -4.1493, 11.2383

Details

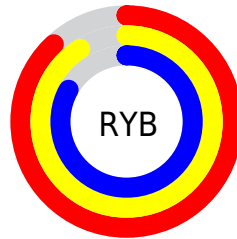
The XYZ color **72.4132, 75.9275, 73.1263** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4526, 71.0657, 87.2537**, and the grayscale version is **72.2689, 76.0326, 82.7995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5920, 40.5309, 37.6875** is the 20% darker color. If you saturate the color by 10%, you get **67.3478, 70.1653, 57.9681**, and if you desaturate by 10%, it is **78.0316, 82.1153, 90.5632**.

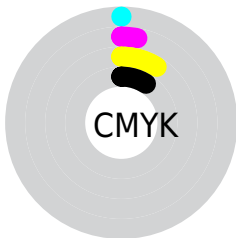
Distribution



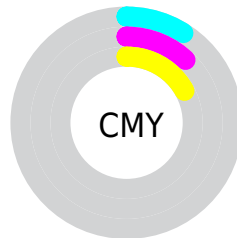
- Red (91%)
- Green (88%)
- Blue (83%)



- Red (88%)
- Yellow (91%)
- Blue (83%)



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



- Cyan (9%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4132, 75.9275, 73.1263 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 72.4132, 75.9275, 73.1263 by changing the saturation by 10% instead.

■ 72.4132, 75.9275,
73.1263

■ 72.4132, 75.9275,
73.1263

458.1139,
481.0995, 490.5349

■ 53.7830, 56.3731,
53.5868

121.6514,
127.6244, 125.3791

■ 38.6581, 40.5021,
37.8805

152.9901,
160.5357, 158.9294

■ 26.6734, 27.9302,
25.5888

189.2957,
198.6680, 197.9871

■ 17.4634, 18.2731,
16.2933

230.9335,
242.4058, 242.9707

■ 10.6628, 11.1462,
9.5753

278.2688,
292.1335, 294.2988

■ 5.9062, 6.1653,
5.0164

331.6671,

■ 2.8282, 2.9458,

348.2354, 352.3898

2.1980

391.4937,
411.0959, 417.6623

■ 1.0636, 1.1035,
0.6732

■ 0.0000, 0.0000,
0.0000

■ 72.4132, 75.9275,
73.1263

■ 72.4132, 75.9275,
73.1263

■ 67.3478, 70.1653,
57.9681

■ 78.0316, 82.1153,
90.5632

■ 62.8092, 64.8078,
44.9880

■ 83.6302, 88.4949,
107.2812

■ 58.7782, 59.8467,
34.0847

■ 86.3461, 93.9267,
108.1865

■ 55.2319, 55.2697,
25.1473

■ 87.4147, 96.0639,
108.5427

■ 52.1453, 51.0635,
18.0542

■ 49.4907, 47.2138,
12.6701

■ 47.2370, 43.7048,
8.8410

■ 45.3475, 40.5183,
6.3848

■ 43.7671, 37.6286,
5.0223

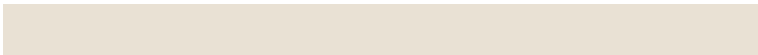
Harmonies

Analogous

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



74.1327, 75.9275, 74.6890



72.4132, 75.9275, 73.1263



70.6555, 75.9275, 74.0322

Triad

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



72.4132, 75.9275, 73.1263



69.0833, 75.9275, 87.1082



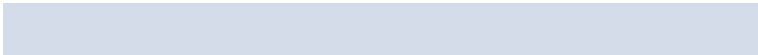
75.0877, 75.9275, 88.3784

Complementary

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



72.4132, 75.9275, 73.1263



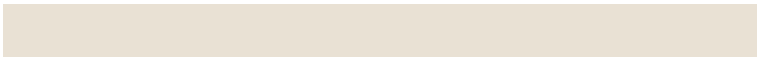
67.4526, 71.0657, 87.2537

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.



73.6996, 75.9275, 91.9594



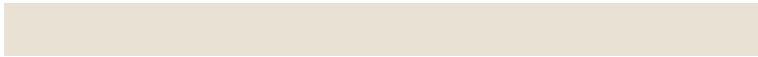
72.4132, 75.9275, 73.1263



70.2360, 75.9275, 91.2048

Square

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



72.4132, 75.9275, 73.1263



68.7518, 75.9275, 81.9693



71.9210, 75.9275, 93.0145



75.6931, 75.9275, 83.3790

Rectangle

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



72.4132, 75.9275, 73.1263



69.6953, 75.9275, 75.9354



71.9210, 75.9275, 93.0145



74.6960, 75.9275, 89.7960

Sweetspot

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



72.4153, 75.9308, 73.1279



92.9204, 97.6726, 102.2344



70.0737, 69.5817, 77.4833



19.7692, 20.7745, 21.5105



0.0000, 0.0000, 0.0000



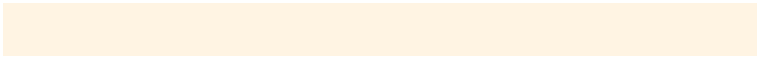
20.3446, 21.4041, 23.3091

Same Dimension

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



72.4153, 75.9308, 73.1279



87.5452, 91.6972, 85.7221



73.8335, 79.9465, 73.8283



15.8423, 16.6076, 15.8893



24.8745, 21.4432, 2.8279



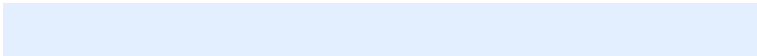
2.0456, 1.8685, 0.2528

Inverse Universe

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



67.4526, 71.0657, 87.2537



80.1798, 84.4768, 106.6875



66.1157, 67.3353, 86.6041



14.7013, 15.4890, 19.1371



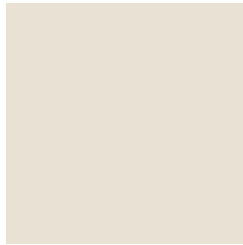
10.4698, 7.5867, 44.6555



0.9124, 0.7763, 3.5366

Previews

White Background



This preview shows how the XYZ color 72.4132, 75.9275, 73.1263 looks on a white background.

Color Contrast Check

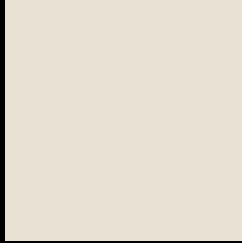
Large Text (above 18pt) WCAG AA × Fail

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 72.4132, 75.9275, 73.1263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

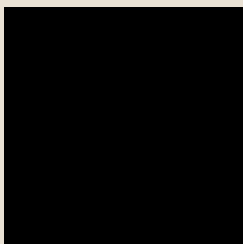
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

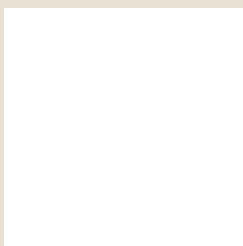
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4132, 75.9275, 73.1263

Background



This preview shows how black text looks on a background with the XYZ color 72.4132, 75.9275, 73.1263.

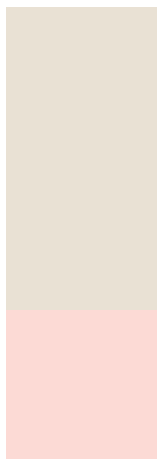


This preview shows how white text looks on a background with the XYZ color 72.4132, 75.9275,

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

72.4132, 75.9275, 73.1263

Protanopia

72.4132, 75.9275, 73.1263

Deuteranopia

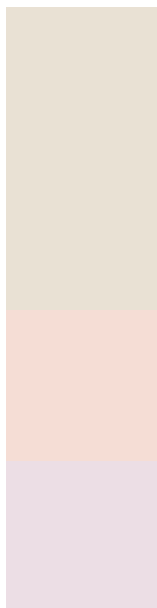
77.2265, 75.6424, 73.4809



Tritanopia

76.2141, 75.8905, 91.5203

Trichromacy



Original Color

72.4132, 75.9275, 73.1263

Protanomaly

72.4132, 75.9275, 73.1263

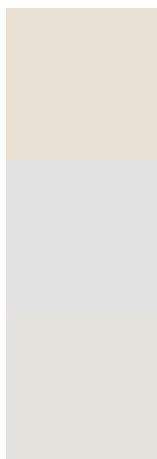
Deuteranomaly

75.5229, 75.9295, 73.6262

Tritanomaly

74.8562, 75.7326, 84.8012

Monochromacy



Original Color

72.4132, 75.9275, 73.1263

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5606, 76.2712, 79.3041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4132, 75.9275, 73.1263 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(233, 225, 212) looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 212)  
}
```

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(233, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.4132, 75.9275, 73.1263 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(233, 225, 212) }
```


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

```
.border{ border-color:rgb(233, 225, 212) }
```

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

Here you see how a box with a 4 pixel rgb(233, 225, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4132, 75.9275, 73.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 212) }
```

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

```
.background{ background-color: rgb(233,  
225, 212) }
```

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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