

Converting Colors

XYZ(73.0325, 77.9897, 72.0721)

Have a look what the booklet for
XYZ(73.0325, 77.9897, 72.0721)
contains.

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Color

**XYZ(72.9309, 77.8476,
72.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5D2
RGB	232, 229, 210
RGB Percent	91%, 90%, 82%
CMY	0.0902, 0.1019, 0.1765
CMYK	0.00, 0.01, 0.09, 0.09
HSL	52°, 32%, 87%
HSV	52°, 9%, 91%
XYZ	72.9309, 77.8476, 72.1550
YIQ	227.7310, 7.8870, -5.2730

Conversions

Conversions Part 2

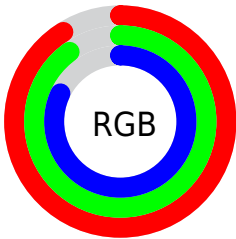
Format	Color
R_{YB}	213, 232, 210
Decimal	15263186
CIE _{Lab}	90.71, -2.21, 9.62
CIE _{LCh}	91, 9.866, 102.937
Yxy	77.8476, 0.3271, 0.3492
Android (android.graphics.Color)	4293453266 (0xFFE8E5D2)
YUV	227.7310, -8.7414, 3.7439
Hunter-Lab	88.2313, -6.8588, 13.2749

Details

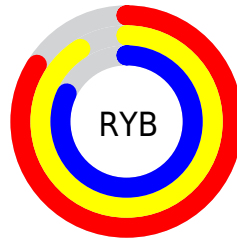
The XYZ color **72.9309, 77.8476, 72.1550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9380, 67.1152, 85.8766**, and the grayscale version is **73.6059, 77.4391, 84.3312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0413, 41.9025, 37.4828** is the 20% darker color. If you saturate the color by 10%, you get **69.3822, 75.0448, 57.7307**, and if you desaturate by 10%, it is **76.9189, 80.8566, 88.7949**.

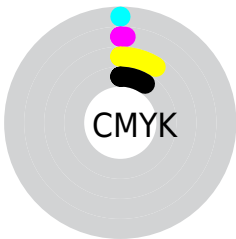
Distribution



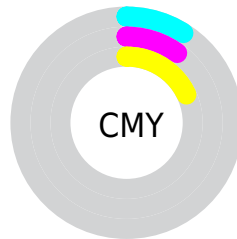
- Red (91%)
- Green (90%)
- Blue (82%)



- Red (84%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9309, 77.8476, 72.1550 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 72.9309, 77.8476, 72.1550 by changing the saturation by 10% instead.

■ 72.9309, 77.8476,
72.1550

■ 72.9309, 77.8476,
72.1550

459.8828,
487.6491, 487.0730

■ 54.2076, 57.9488,
52.7977

122.3828,
130.3353, 123.9866

■ 38.9990, 41.7675,
37.2547

153.8421,
163.6929, 157.2981

■ 26.9397, 28.9193,
25.1074

190.2775,
202.3056, 196.0979

■ 17.6643, 19.0198,
15.9373

232.0543,
246.5578, 240.8048

■ 10.8075, 11.6846,
9.3260

279.5378,
296.8339, 291.8372

■ 6.0038, 6.5293,
4.8547

333.0936,

■ 2.8881, 3.1695,

353.5182, 349.6136

2.1050

393.0868,
416.9951, 414.5527

■ 1.0949, 1.2209,
0.6187

■ 0.0208, 0.0786,
0.0000

■ 72.9309, 77.8476,
72.1550

■ 72.9309, 77.8476,
72.1550

■ 69.3822, 75.0448,
57.7307

■ 76.9189, 80.8566,
88.7949

■ 66.2484, 72.4308,
45.4225

■ 81.1301, 83.9780,
106.5411

■ 63.5122, 70.0009,
35.1305

■ 82.0442, 85.8062,
106.8458

■ 61.1527, 67.7468,
26.7451

■ 82.9744, 87.6668,
107.1559

■ 59.1470, 65.6592,
20.1461

■ 83.9209, 89.5598,
107.4714

■ 57.4696, 63.7276,
15.1995

■ 84.8838, 91.4854,
107.7923

■ 56.0915, 61.9404,
11.7527

■ 85.8630, 93.4438,
108.1187

■ 54.9781, 60.2835,
9.6244

■ 86.8586, 95.4351,
108.4506

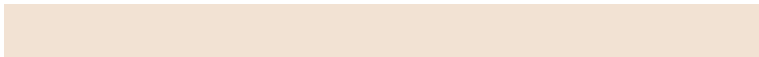
■ 54.0736, 58.7346,
8.5214

■ 87.0891, 95.8960,
108.5274

Harmonies

Analogous

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



75.3977, 77.8476, 72.3834



72.9309, 77.8476, 72.1550



70.7955, 77.8476, 75.1664

Triad

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



72.9309, 77.8476, 72.1550



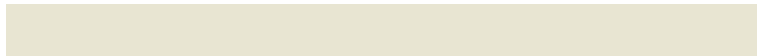
70.5604, 77.8476, 94.3954



78.6377, 77.8476, 88.8273

Complementary

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



72.9309, 77.8476, 72.1550



64.9380, 67.1152, 85.8766

Split Complementary

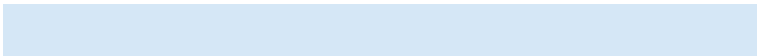
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2829, 77.8476, 95.1431



72.9309, 77.8476, 72.1550



72.6035, 77.8476, 98.4788

Square

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



72.9309, 77.8476, 72.1550



69.4476, 77.8476, 87.8526



75.0630, 77.8476, 98.7598



78.7301, 77.8476, 81.7463

Rectangle

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



72.9309, 77.8476, 72.1550



69.8322, 77.8476, 78.7088



75.0630, 77.8476, 98.7598



78.3134, 77.8476, 91.1195

Sweetspot

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



72.9330, 77.8510, 72.1567



93.5112, 98.8543, 102.4313



68.3747, 68.0695, 72.6867



19.9290, 21.0942, 21.5638



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.



72.9330, 77.8510, 72.1567



89.6519, 95.9107, 86.4243



71.3239, 78.2625, 72.3209



15.4255, 16.4649, 15.2695



30.0631, 32.7003, 4.7273



2.2680, 2.5094, 0.3648

Inverse Universe

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



64.9380, 67.1152, 85.8766



78.2241, 80.5655, 106.0356



66.4369, 66.7798, 85.7329



13.7403, 14.2020, 18.1614



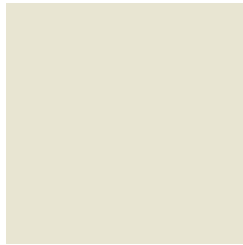
8.4191, 3.9003, 42.6923



0.6729, 0.3898, 3.1717

Previews

White Background



This preview shows how the XYZ color 72.9309, 77.8476, 72.1550 looks on a white background.

Color Contrast Check

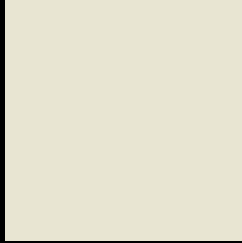
Large Text (above 18pt) WCAG AA × Fail

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 72.9309, 77.8476, 72.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

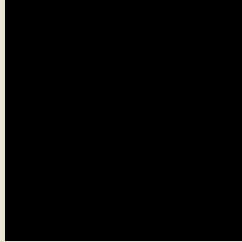
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

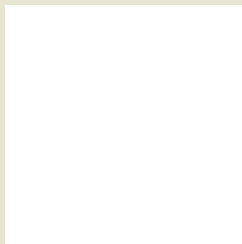
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9309, 77.8476, 72.1550

Background



This preview shows how black text looks on a background with the XYZ color 72.9309, 77.8476, 72.1550.



This preview shows how white text looks on a background with the XYZ color 72.9309, 77.8476,

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

72.9309, 77.8476, 72.1550

Protanopia

74.1771, 78.0948, 71.4858

Deuteranopia

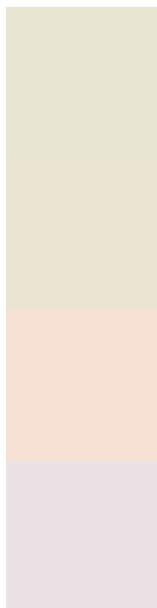
79.1067, 77.7770, 73.7939



Tritanopia

77.6077, 77.7266, 94.9168

Trichromacy



Original Color

72.9309, 77.8476, 72.1550

Protanomaly

73.5130, 77.7524, 71.4548

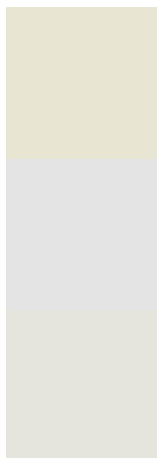
Deuteranomaly

76.8971, 77.8389, 73.2589

Tritanomaly

75.7402, 77.7681, 85.8817

Monochromacy



Original Color

72.9309, 77.8476, 72.1550

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.1076, 77.3653, 79.4864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9309, 77.8476, 72.1550 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(232, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 210)  
}
```

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(232, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 210) }
```

Border

The CSS property to change the border of an element to XYZ 72.9309, 77.8476, 72.1550 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(232, 229, 210) }
```


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

```
.border{ border-color:rgb(232, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9309, 77.8476, 72.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 210) }
```

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

```
.background{ background-color: rgb(232,  
229, 210) }
```

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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