

Converting Colors

XYZ(72.7547, 79.1405, 75.1409)

Have a look what the booklet for
XYZ(72.7547, 79.1405, 75.1409)
contains.

XYZ(72.6728, 78.8992, 75.0171)	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(72.6728, 78.8992,
75.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E8D6
RGB	227, 232, 214
RGB Percent	89%, 91%, 84%
CMY	0.1098, 0.0902, 0.1608
CMYK	0.02, 0.00, 0.08, 0.09
HSL	77°, 28%, 87%
HSV	77°, 8%, 91%
XYZ	72.6728, 78.8992, 75.0171
YIQ	228.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

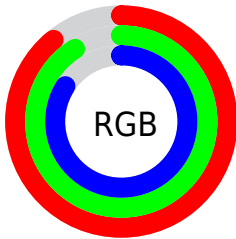
Format	Color
RYB	214, 232, 219
Decimal	14936278
CIELab	91.19, -4.81, 8.16
CIELCh	91, 9.477, 120.510
Yxy	78.8992, 0.3207, 0.3482
Android (android.graphics.Color)	4293126358 (0xFFE3E8D6)
YUV	228.4530, -7.1253, -1.2743
Hunter-Lab	88.8252, -9.4035, 12.1044

Details

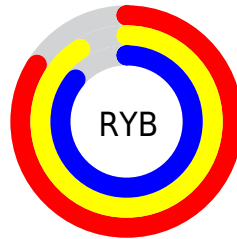
The XYZ color **72.6728, 78.8992, 75.0171** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.8285, 68.9815, 86.0879**, and the grayscale version is **74.1256, 77.9859, 84.9266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7966, 42.3245, 38.9255** is the 20% darker color. If you saturate the color by 10%, you get **67.9230, 76.7712, 60.4140**, and if you desaturate by 10%, it is **77.9252, 81.2421, 91.8500**.

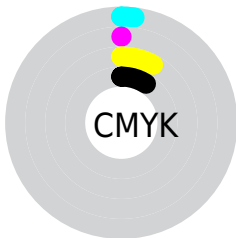
Distribution



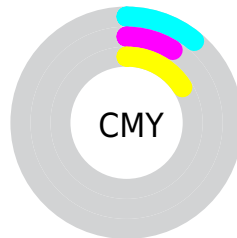
- Red (89%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6728, 78.8992, 75.0171 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 72.6728, 78.8992, 75.0171 by changing the saturation by 10% instead.

■ 72.6728, 78.8992,
75.0171

■ 72.6728, 78.8992,
75.0171

459.0014,
491.2153, 497.2333

■ 53.9959, 58.8129,
55.1251

122.0182,
131.8169, 128.0839

■ 38.8290, 42.4626,
39.1026

153.4175,
165.4172, 162.0957

■ 26.8069, 29.4637,
26.5311

189.7882,
204.2909, 201.6513

■ 17.5641, 19.4318,
16.9921

231.4957,
248.8225, 247.1691

■ 10.7353, 11.9827,
10.0669

278.9054,
299.3964, 299.0676

■ 5.9551, 6.7319,
5.3372

332.3827,

■ 2.8582, 3.2950,

356.3968, 357.7655

2.3842

392.2929,
420.2083, 423.6812

■ 1.0792, 1.2876,
0.7778

■ 0.0076, 0.1316,
0.0000

■ 72.6728, 78.8992,
75.0171

■ 72.6728, 78.8992,
75.0171

■ 67.9230, 76.7712,
60.4140

■ 77.9252, 81.2421,
91.8500

■ 63.6508, 74.8404,
47.9419

■ 82.8090, 83.4440,
106.3495

■ 59.8384, 73.1022,
37.5025

■ 85.0363, 84.5921,
106.4538

■ 56.4645, 71.5479,
28.9875

■ 87.3421, 85.7808,
106.5617

■ 53.5058, 70.1680,
22.2787

■ 88.1482, 86.1964,
106.5994

■ 50.9365, 68.9522,
17.2450

■ 48.7273, 67.8887,
13.7371

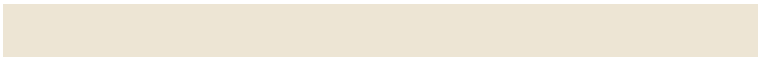
■ 46.8442, 66.9637,
11.5800

■ 45.2408, 66.1586,
10.5347

Harmonies

Analogous

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



74.9503, 78.8992, 73.3582



72.6728, 78.8992, 75.0171



71.0458, 78.8992, 79.5646

Triad

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



72.6728, 78.8992, 75.0171



72.7425, 78.8992, 97.9329



79.7012, 78.8992, 85.7903

Complementary

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



72.6728, 78.8992, 75.0171



67.8285, 68.9815, 86.0879

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.



79.0803, 78.8992, 92.5795



72.6728, 78.8992, 75.0171



75.0324, 78.8992, 99.8128

Square

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



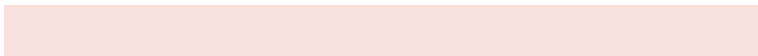
72.6728, 78.8992, 75.0171



71.0854, 78.8992, 92.7937



77.3586, 78.8992, 97.8046



79.0378, 78.8992, 79.3713

Rectangle

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



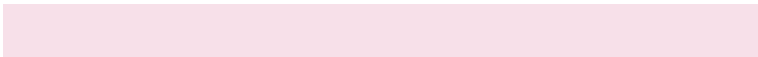
72.6728, 78.8992, 75.0171



70.5312, 78.8992, 83.7471



77.3586, 78.8992, 97.8046



79.6356, 78.8992, 88.1054

Sweetspot

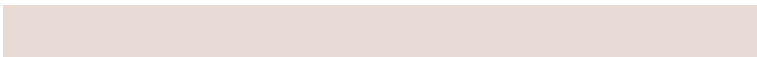
The Sweet Spot groups the original color and five complimentary colors.



72.6750, 78.9026, 75.0188



93.7200, 99.4080, 104.6084



70.6984, 72.5720, 73.9011



20.0739, 21.2836, 22.4354



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

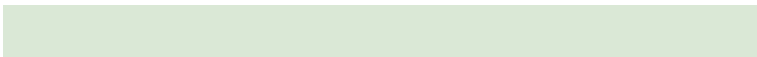
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6750, 78.9026, 75.0188



89.2645, 97.4192, 90.4802



69.9701, 77.5082, 74.8922



15.1906, 16.6053, 15.3090



25.0558, 36.6982, 5.7629



1.9405, 2.7577, 0.4300

Inverse Universe

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



67.8285, 68.9815, 86.0879



82.3248, 83.2129, 106.3305



70.5463, 70.3826, 86.2151



13.9570, 14.0801, 18.1264



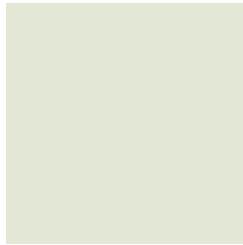
9.3827, 3.9029, 42.6420



0.7814, 0.3338, 3.1552

Previews

White Background



This preview shows how the XYZ color 72.6728, 78.8992, 75.0171 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 72.6728, 78.8992, 75.0171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

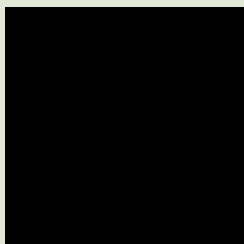
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

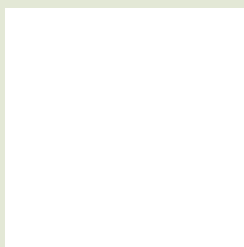
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6728, 78.8992, 75.0171

Background



This preview shows how black text looks on a background with the XYZ color 72.6728, 78.8992, 75.0171.

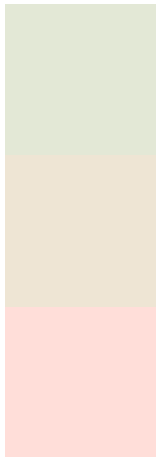


This preview shows how white text looks on a background with the XYZ color 72.6728, 78.8992,

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

72.6728, 78.8992, 75.0171

Protanopia

75.1629, 78.9692, 73.5684

Deuteranopia

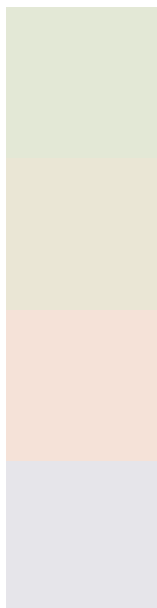
79.8857, 78.5123, 76.5896



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

72.6728, 78.8992, 75.0171

Protanomaly

74.2387, 78.8902, 74.2653

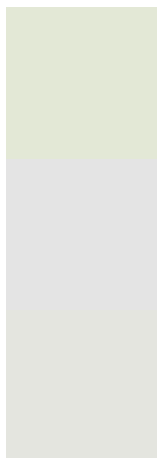
Deuteranomaly

77.2472, 78.7631, 76.0972

Tritanomaly

75.5037, 78.8021, 89.0728

Monochromacy



Original Color

72.6728, 78.8992, 75.0171

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3335, 77.8603, 80.9755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6728, 78.8992, 75.0171 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(227, 232, 214) looks like.

```
.text, #text, p{  
    color:rgb(227, 232, 214)  
}
```

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(227, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 232, 214) }
```

Border

The CSS property to change the border of an element to XYZ 72.6728, 78.8992, 75.0171 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(227, 232, 214) }
```


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

```
.border{ border-color:rgb(227, 232, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 232,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6728, 78.8992, 75.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 232, 214) }
```

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

```
.background{ background-color: rgb(227,  
232, 214) }
```

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