

Converting Colors

XYZ(75.2900, 81.2820, 76.0344)

Have a look what the booklet for
XYZ(75.2900, 81.2820, 76.0344)
contains.

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Color

**XYZ(75.2928, 81.0756,
75.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EAD7
RGB	233, 234, 215
RGB Percent	91%, 92%, 84%
CMY	0.0863, 0.0823, 0.1569
CMYK	0.00, 0.00, 0.08, 0.08
HSL	63°, 31%, 88%
HSV	63°, 8%, 92%
XYZ	75.2928, 81.0756, 75.9708
YIQ	231.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

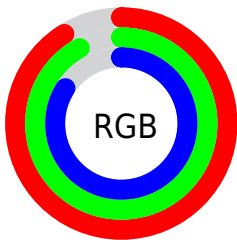
Format	Color
R _Y B	215, 234, 216
Decimal	15330007
CIE Lab	92.17, -3.59, 9.10
CIE LCh	92, 9.786, 111.530
Yxy	81.0756, 0.3241, 0.3490
Android (android.graphics.Color)	4293520087 (0xFFE9EAD7)
YUV	231.5350, -8.1518, 1.2848
Hunter-Lab	90.0420, -8.3124, 13.0049

Details

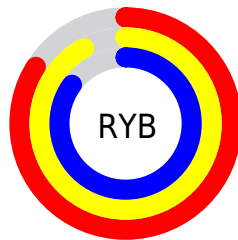
The XYZ color **75.2928, 81.0756, 75.9708** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.4739, 69.1426, 87.6359**, and the grayscale version is **76.4122, 80.3916, 87.5465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3970, 43.7260, 39.5685** is the 20% darker color. If you saturate the color by 10%, you get **72.0968, 79.7533, 61.2318**, and if you desaturate by 10%, it is **78.9263, 82.5785, 92.9786**.

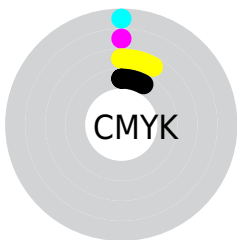
Distribution



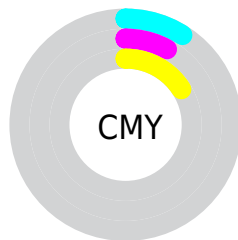
- Red (91%)
- Green (92%)
- Blue (84%)



- Red (84%)
- Yellow (92%)
- Blue (85%)



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



- Cyan (9%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2928, 81.0756, 75.9708 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 75.2928, 81.0756, 75.9708 by changing the saturation by 10% instead.

■ 75.2928, 81.0756,
75.9708

■ 75.2928, 81.0756,
75.9708

467.9050,
498.5503, 500.5919

■ 56.1478, 60.6039,
55.9021

125.7124,
134.8769, 129.4453

■ 40.5589, 43.9056,
39.7209

157.7178,
168.9753, 163.6882

■ 28.1607, 30.5963,
27.0089

194.7407,
208.3847, 203.4929

■ 18.5879, 20.2916,
17.3474

237.1464,
253.4894, 249.2779

■ 11.4751, 12.6072,
10.3179

285.3004,
304.6740, 301.4617

■ 6.4570, 7.1586,
5.5019

339.5679,

■ 3.1682, 3.5615,

362.3227, 360.4630

2.4808

400.3143,
426.8200, 426.7002

■ 1.2433, 1.4314,
0.8300

■ 0.1402, 0.2397,
0.0000

■ 75.2928, 81.0756,
75.9708

■ 75.2928, 81.0756,
75.9708

■ 72.0968, 79.7533,
61.2318

■ 78.9263, 82.5785,
92.9786

■ 69.3133, 78.5938,
48.6608

■ 81.8927, 83.8122,
106.4689

■ 66.9252, 77.5927,
38.1568

■ 82.3038, 84.0241,
106.4881

■ 64.9115, 76.7416,
29.6093

■ 82.7177, 84.2375,
106.5075

63.2490, 76.0315,
22.8970

83.1345, 84.4524,
106.5270

61.9122, 75.4519,
17.8853

83.5541, 84.6687,
106.5467

60.8722, 74.9913,
14.4213

83.9767, 84.8865,
106.5664

60.0945, 74.6360,
12.3248

84.4021, 85.1058,
106.5863

59.5313, 74.3668,
11.3428

84.8303, 85.3266,
106.6064

Harmonies

Analogous

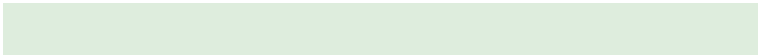
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7769, 81.0756, 75.2330



75.2928, 81.0756, 75.9708



73.3228, 81.0756, 79.9112

Triad

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



75.2928, 81.0756, 75.9708



74.0804, 81.0756, 99.6113



81.9598, 81.0756, 90.3404

Complementary

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



75.2928, 81.0756, 75.9708



67.4739, 69.1426, 87.6359

Split Complementary

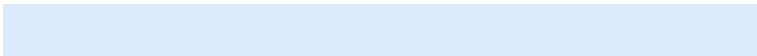
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9219, 81.0756, 97.2084



75.2928, 81.0756, 75.9708



76.3474, 81.0756, 102.7489

Square

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



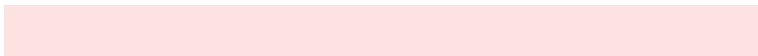
75.2928, 81.0756, 75.9708



72.6336, 81.0756, 93.4765



78.8545, 81.0756, 101.8464



81.6626, 81.0756, 83.2750

Rectangle

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



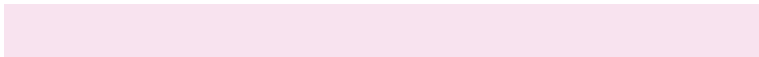
75.2928, 81.0756, 75.9708



72.5484, 81.0756, 83.9476



78.8545, 81.0756, 101.8464



81.7547, 81.0756, 92.7539

Sweetspot

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



75.2950, 81.0791, 75.9725



94.1405, 99.6247, 104.6281



70.7431, 71.4869, 74.3610



20.1595, 21.3277, 22.4394



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

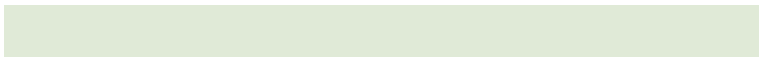
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2950, 81.0791, 75.9725



90.7185, 98.2103, 88.6704



72.2927, 79.5314, 75.8320



16.2687, 17.5840, 16.0553



33.4326, 41.7796, 6.3022



2.6494, 3.2932, 0.4960

Inverse Universe

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



67.4739, 69.1426, 87.6359



79.1139, 80.4994, 105.9759



70.3461, 70.6233, 87.7703



14.3049, 14.5869, 18.9839



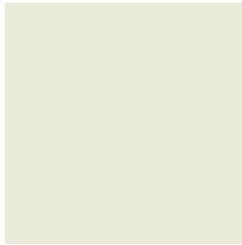
8.4655, 3.4000, 43.9531



0.6908, 0.2804, 3.4526

Previews

White Background



This preview shows how the XYZ color 75.2928, 81.0756, 75.9708 looks on a white background.

Color Contrast Check

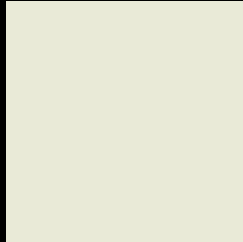
Large Text (above 18pt) WCAG AA × Fail

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 75.2928, 81.0756, 75.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

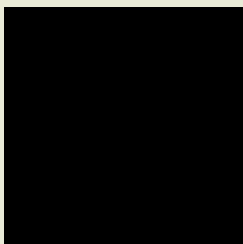
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

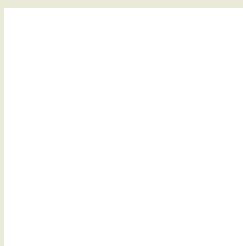
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2928, 81.0756, 75.9708

Background



This preview shows how black text looks on a background with the XYZ color 75.2928, 81.0756, 75.9708.



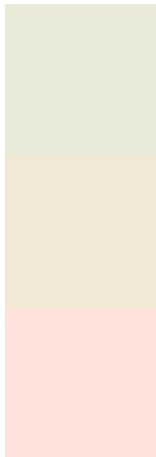
This preview shows how white text looks on a background with the XYZ color 75.2928, 81.0756,

75.9708.

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

75.2928, 81.0756, 75.9708

Protanopia

77.2698, 81.2690, 75.2323

Deuteranopia

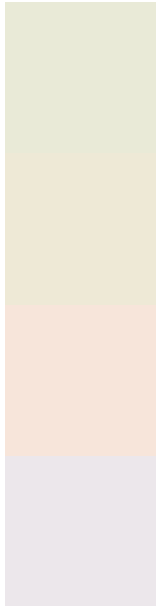
81.3546, 80.8200, 79.0221



Tritanopia

80.0677, 80.9312, 99.3969

Trichromacy



Original Color

75.2928, 81.0756, 75.9708

Protanomaly

76.5364, 81.3100, 75.2788

Deuteranomaly

79.0320, 80.8747, 77.7746

Tritanomaly

78.1634, 80.9829, 90.1089

Monochromacy



Original Color

75.2928, 81.0756, 75.9708

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1451, 80.9246, 83.5582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2928, 81.0756, 75.9708 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, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 215)  
}
```

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, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 215) }
```

Border

The CSS property to change the border of an element to XYZ 75.2928, 81.0756, 75.9708 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, 234, 215) }
```


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

```
.border{ border-color:rgb(233, 234, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2928, 81.0756, 75.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 215) }
```

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

```
.background{ background-color: rgb(233,  
234, 215) }
```

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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