

Converting Colors

XYZ(72.5868, 71.9219, 93.5305)

Have a look what the booklet for
XYZ(72.5868, 71.9219, 93.5305)
contains.

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Color

**XYZ(72.7461, 72.1206,
93.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D8F1
RGB	229, 216, 241
RGB Percent	90%, 85%, 95%
CMY	0.1020, 0.1529, 0.0549
CMYK	0.05, 0.10, 0.00, 0.05
HSL	271°, 47%, 90%
HSV	271°, 10%, 95%
XYZ	72.7461, 72.1206, 93.3056
YIQ	222.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

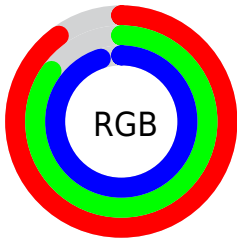
Format	Color
R _Y B	229, 216, 241
Decimal	15063281
CIE Lab	88.03, 8.97, -10.61
CIE LCh	88, 13.896, 310.215
Yxy	72.1206, 0.3054, 0.3028
Android (android.graphics.Color)	4293253361 (0xFFE5D8F1)
YUV	222.7370, 9.0037, 5.4927
Hunter-Lab	84.9238, 4.2871, -5.6951

Details

The XYZ color **72.7461, 72.1206, 93.3056** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.8475, 84.3643, 77.2557**, and the grayscale version is **69.8927, 73.5326, 80.0770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7354, 37.8768, 51.1683** is the 20% darker color. If you saturate the color by 10%, you get **63.4501, 58.8266, 91.2306**, and if you desaturate by 10%, it is **83.1979, 87.3586, 95.6971**.

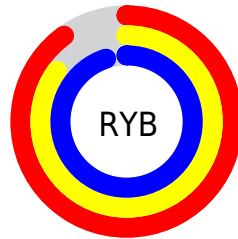
Distribution



Red (90%)

Green (85%)

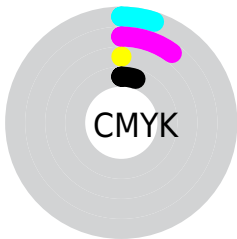
Blue (95%)



Red (90%)

Yellow (85%)

Blue (95%)

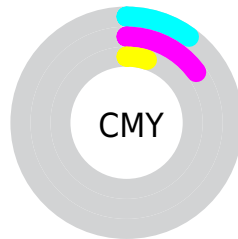


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7461, 72.1206, 93.3056 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 72.7461, 72.1206, 93.3056 by changing the saturation by 10% instead.

72.7461, 72.1206,
93.3056

72.7461, 72.1206,
93.3056

459.2518,
467.9613, 559.5714

54.0560, 53.2572,
70.1365

122.1218,
122.2280, 153.8970

38.8773, 38.0081,
51.1603

153.5381,
154.2407, 192.1563

26.8446, 25.9890,
35.9586

189.9272,
191.4054, 236.2828

17.5925, 16.8154,
24.1128

231.6544,
234.1064, 286.6950

10.7557, 10.1030,
15.2043

279.0851,
282.7281, 343.8114

5.9689, 5.4673,
8.8147

332.5847,

2.8667, 2.5240,

337.6548, 408.0506

4.5254

392.5185,
399.2711, 479.8310

■ 1.0836, 0.8886,
1.9178

■ 0.0114, 0.0000,
0.5040

■ 72.7461, 72.1206,
93.3056

■ 72.7461, 72.1206,
93.3056

■ 63.4501, 58.8266,
91.2306

■ 83.1979, 87.3586,
95.6971

■ 55.2595, 47.3864,
89.4542

■ 91.8333, 98.5927,
97.4103

■ 48.1294, 37.7163,
87.9634

■ 92.8774, 99.1310,
97.4592

■ 42.0091, 29.7224,
86.7430

■ 36.8433, 23.3018,
85.7760

■ 32.5706, 18.3398,
85.0434

■ 29.1215, 14.7056,
84.5238

■ 26.4136, 12.2435,
84.1912

■ 24.3795, 10.7339,
84.0071

Harmonies

Analogous

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



69.6849, 72.1206, 97.8940



72.7461, 72.1206, 93.3056



74.7218, 72.1206, 84.8687

Triad

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



72.7461, 72.1206, 93.3056



70.7284, 72.1206, 62.5743



62.4658, 72.1206, 81.8085

Complementary

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



72.7461, 72.1206, 93.3056



75.8475, 84.3643, 77.2557

Split Complementary

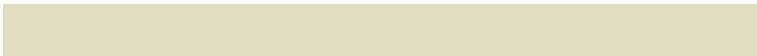
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7248, 72.1206, 72.5095



72.7461, 72.1206, 93.3056



67.4245, 72.1206, 61.8993

Square

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



72.7461, 72.1206, 93.3056



73.5312, 72.1206, 67.3224



64.5155, 72.1206, 65.3977



63.7961, 72.1206, 90.9107

Rectangle

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



72.7461, 72.1206, 93.3056



75.1210, 72.1206, 78.4587



64.5155, 72.1206, 65.3977



62.3710, 72.1206, 78.5955

Sweetspot

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



72.7482, 72.1237, 93.3072



91.3197, 94.5259, 108.0400



71.9651, 76.4852, 94.1903



19.3372, 19.9267, 23.0770



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.



72.7482, 72.1237, 93.3072



80.8538, 79.3262, 105.6578



76.6485, 74.1415, 93.1652



15.6814, 15.6330, 19.9126



13.3771, 5.9016, 45.5619



1.2277, 0.5502, 3.7957

Inverse Universe

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



74.8376, 73.4172, 83.6290



83.5966, 81.0239, 92.9642



72.2255, 82.4909, 77.3677



16.0889, 15.8853, 18.0242



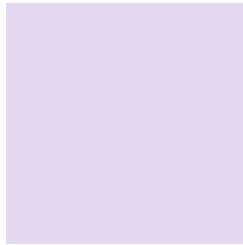
21.4387, 10.8479, 10.2268



1.8335, 0.9225, 1.1142

Previews

White Background



This preview shows how the XYZ color 72.7461, 72.1206, 93.3056 looks on a white background.

Color Contrast Check

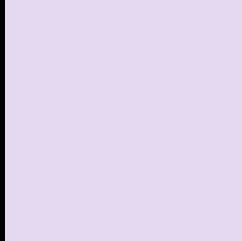
Large Text (above 18pt) WCAG AA × Fail

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 72.7461, 72.1206, 93.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

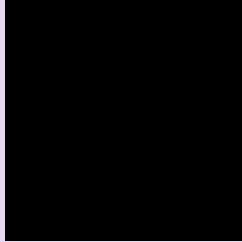
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

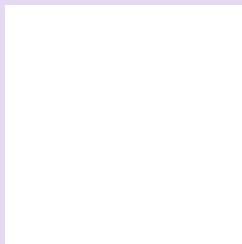
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7461, 72.1206, 93.3056

Background



This preview shows how black text looks on a background with the XYZ color 72.7461, 72.1206, 93.3056.



This preview shows how white text looks on a background with the XYZ color 72.7461, 72.1206,

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

72.7461, 72.1206, 93.3056

Protanopia

70.4226, 72.0395, 94.9874

Deuteranopia

73.7819, 72.2754, 93.2809



Tritanopia

71.6590, 72.0602, 87.9741

Trichromacy



Original Color

72.7461, 72.1206, 93.3056

Protanomaly

71.2226, 72.0832, 94.1640

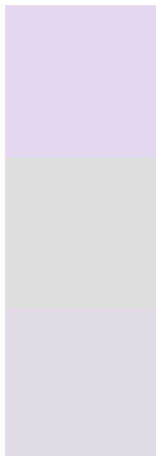
Deuteranomaly

73.4563, 72.1076, 93.2657

Tritanomaly

72.0938, 72.2341, 90.2636

Monochromacy



Original Color

72.7461, 72.1206, 93.3056

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9275, 72.9071, 85.1971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7461, 72.1206, 93.3056 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(229, 216, 241)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 241)  
}
```

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(229, 216, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.7461, 72.1206, 93.3056 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(229, 216, 241) }
```


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

```
.border{ border-color:rgb(229, 216, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7461, 72.1206, 93.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 241) }
```

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

```
.background{ background-color: rgb(229,  
216, 241) }
```

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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