

Converting Colors

XYZ(75.8808, 72.8067,
104.6615)

Have a look what the booklet for
XYZ(75.8808, 72.8067, 104.6615)
contains.

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Color

**XYZ(75.7008, 72.6368,
104.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D6FF
RGB	233, 214, 255
RGB Percent	91%, 84%, 100%
CMY	0.0863, 0.1608, 0.0000
CMYK	0.09, 0.16, 0.00, 0.00
HSL	268°, 100%, 92%
HSV	268°, 16%, 100%
XYZ	75.7008, 72.6368, 104.6382
YIQ	224.3550, -1.8370, 16.7790

Conversions

Conversions Part 2

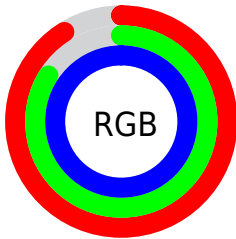
Format	Color
R _Y B	233, 214, 255
Decimal	15324927
CIE Lab	88.27, 14.01, -17.58
CIE LCh	88, 22.485, 308.557
Yxy	72.6368, 0.2992, 0.2871
Android (android.graphics.Color)	4293515007 (0xFFE9D6FF)
YUV	224.3550, 15.1080, 7.5817
Hunter-Lab	85.2272, 9.4002, -13.1346

Details

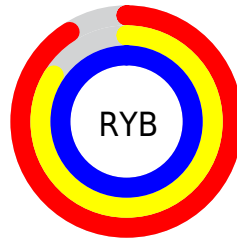
The XYZ color **75.7008, 72.6368, 104.6382** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4915, 94.2088, 77.4582**, and the grayscale version is **71.0034, 74.7011, 81.3495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7226, 38.2206, 58.6571** is the 20% darker color. If you saturate the color by 10%, you get **65.4506, 58.5122, 102.4521**, and if you desaturate by 10%, it is **87.3116, 88.9663, 107.1781**.

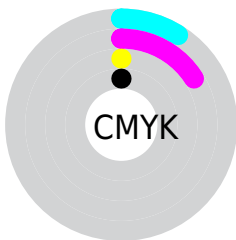
Distribution



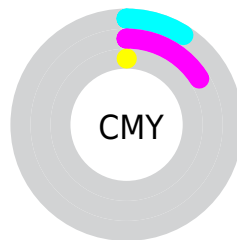
- Red (91%)
- Green (84%)
- Blue (100%)



- Red (91%)
- Yellow (84%)
- Blue (100%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7008, 72.6368, 104.6382 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 75.7008, 72.6368, 104.6382 by changing the saturation by 10% instead.

75.7008, 72.6368,
104.6382

75.7008, 72.6368,
104.6382

469.2830,
469.7551, 596.3362

56.4834, 53.6790,
79.5413

126.2865,
122.9615, 169.6239

40.8291, 38.3451,
58.8170

158.3855,
155.0971, 210.3498

28.3727, 26.2507,
42.0468

195.5091,
192.3943, 257.1225

18.7487, 17.0112,
28.8121

238.0226,
235.2372, 310.3605

11.5917, 10.2425,
18.6944

286.2914,
284.0103, 370.4823

6.5365, 5.5600,
11.2751

340.6808,

3.2177, 2.5795,

339.0981, 437.9065

6.1357

401.5562,
400.8849, 513.0516

■ 1.2699, 0.9163,
2.8576

■ 0.1605, 0.0000,
1.0224

■ 75.7008, 72.6368,
104.6382

■ 75.7008, 72.6368,
104.6382

■ 65.4506, 58.5122,
102.4521

■ 87.3116, 88.9663,
107.1781

■ 56.5004, 46.4859,
100.6025

95.0500, 100.0000,
108.9000

■ 48.7935, 36.4554,
99.0726

■ 42.2663, 28.3062,
97.8437

■ 36.8489, 21.9114,
96.8949

■ 32.4631, 17.1278,
96.2028

■ 29.0181, 13.7887,
95.7398

■ 26.4035, 11.6876,
95.4721

■ 25.5436, 11.0831,
95.4007

Harmonies

Analogous

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



70.5922, 72.6368, 112.2125



75.7008, 72.6368, 104.6382



79.1395, 72.6368, 90.4413

Triad

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



75.7008, 72.6368, 104.6382



72.8968, 72.6368, 54.5591



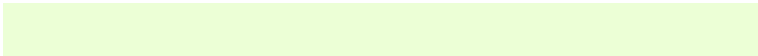
59.2914, 72.6368, 83.5869

Complementary

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



75.7008, 72.6368, 104.6382



82.4915, 94.2088, 77.4582

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.



59.8369, 72.6368, 68.7290



75.7008, 72.6368, 104.6382



67.5089, 72.6368, 53.2242

Square

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



75.7008, 72.6368, 104.6382



77.4629, 72.6368, 61.9976



62.7802, 72.6368, 58.0792



61.2493, 72.6368, 99.0643

Rectangle

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



75.7008, 72.6368, 104.6382



79.9241, 72.6368, 79.8390



62.7802, 72.6368, 58.0792



59.1902, 72.6368, 78.3439

Sweetspot

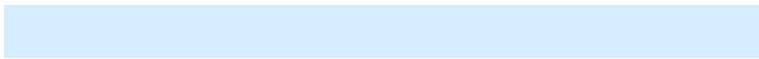
The Sweet Spot groups the original color and five complimentary colors.



75.7028, 72.6398, 104.6387



88.6441, 90.8586, 107.4732



75.9379, 81.8264, 106.3995



18.7869, 19.1824, 22.9623



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.



75.7028, 72.6398, 104.6387



72.5674, 68.2861, 103.9636



82.5878, 76.1891, 104.9609



17.8030, 17.7902, 22.7455



13.5153, 5.8779, 49.8568



1.4404, 0.6365, 4.8602

Inverse Universe

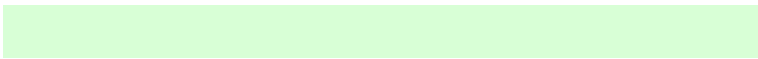
The Inverse Universe completely reimagines the original color for something new.



80.4287, 75.4122, 89.6765



78.0875, 71.5253, 86.4434



76.2335, 90.9826, 77.1654



18.4169, 18.1501, 20.8127



23.9783, 12.0806, 13.8019



2.3899, 1.1983, 1.6346

Previews

White Background



This preview shows how the XYZ color 75.7008, 72.6368, 104.6382 looks on a white background.

Color Contrast Check

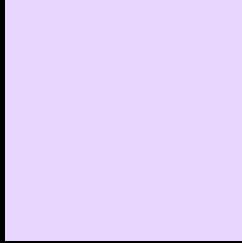
Large Text (above 18pt) WCAG AA × Fail

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 75.7008, 72.6368, 104.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

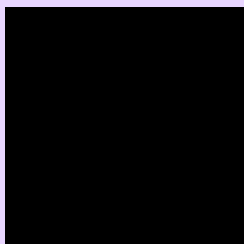
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7008, 72.6368, 104.6382

Background



This preview shows how black text looks on a background with the XYZ color 75.7008, 72.6368, 104.6382.

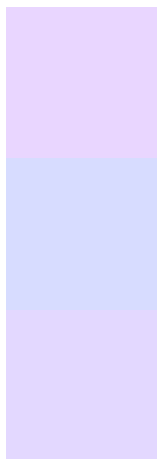


This preview shows how white text looks on a background with the XYZ color 75.7008, 72.6368,

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

75.7008, 72.6368, 104.6382

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

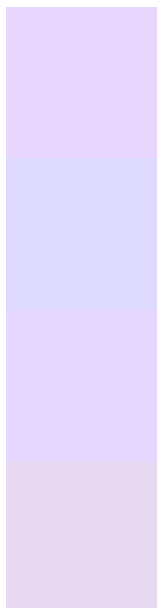
74.2844, 72.6626, 104.7178



Tritanopia

72.6999, 72.9640, 88.8490

Trichromacy



Original Color

75.7008, 72.6368, 104.6382

Protanomaly

73.2456, 72.8924, 104.8169

Deuteranomaly

74.6635, 72.4789, 104.6624

Tritanomaly

73.7949, 73.0254, 94.2103

Monochromacy



Original Color

75.7008, 72.6368, 104.6382

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.2671, 73.5155, 88.9783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7008, 72.6368, 104.6382 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 255)  
}
```

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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.7008, 72.6368, 104.6382 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, 214, 255) }
```


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

```
.border{ border-color:rgb(233, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7008, 72.6368, 104.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 214, 255) }
```

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

```
.background{ background-color: rgb(233,  
214, 255) }
```

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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