

Converting Colors

XYZ(75.5234, 72.5469,
104.6302)

Have a look what the booklet for
XYZ(75.5234, 72.5469, 104.6302)
contains.

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Color

**XYZ(75.3753, 72.4689,
104.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D6FF
RGB	232, 214, 255
RGB Percent	91%, 84%, 100%
CMY	0.0902, 0.1608, 0.0000
CMYK	0.09, 0.16, 0.00, 0.00
HSL	266°, 100%, 92%
HSV	266°, 16%, 100%
XYZ	75.3753, 72.4689, 104.6229
YIQ	224.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

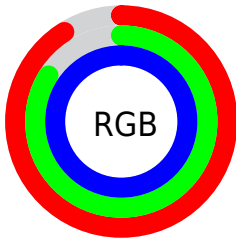
Format	Color
R _Y B	232, 214, 255
Decimal	15259391
CIE _{Lab}	88.19, 13.70, -17.71
CIE _{LCh}	88, 22.390, 307.713
Y _{xy}	72.4689, 0.2986, 0.2870
Android (android.graphics.Color)	4293449471 (0xFFE8D6FF)
YUV	224.0560, 15.2554, 6.9669
Hunter-Lab	85.1287, 9.0737, -13.2772

Details

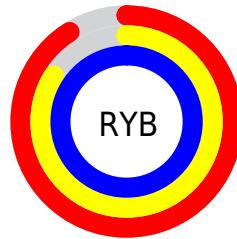
The XYZ color **75.3753, 72.4689, 104.6229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8242, 94.3803, 77.4736**, and the grayscale version is **70.7890, 74.4755, 81.1039**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4957, 38.1036, 58.6465** is the 20% darker color. If you saturate the color by 10%, you get **64.9642, 58.2614, 102.4293**, and if you desaturate by 10%, it is **87.1786, 88.8976, 107.1719**.

Distribution



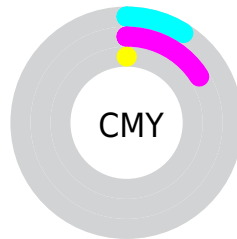
- Red (91%)
- Green (84%)
- Blue (100%)



- 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 75.3753, 72.4689, 104.6229 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 75.3753, 72.4689, 104.6229 by changing the saturation by 10% instead.

75.3753, 72.4689,
104.6229

75.3753, 72.4689,
104.6229

468.1839,
469.1720, 596.2874

56.2157, 53.5418,
79.5286

125.8285,
122.7229, 169.6028

40.6135, 38.2355,
58.8066

157.8529,
154.8187, 210.3255

28.2036, 26.1655,
42.0385

194.8961,
192.0728, 257.0947

18.6204, 16.9475,
28.8056

237.3237,
234.8696, 310.3289

11.4987, 10.1971,
18.6895

285.5008,
283.5935, 370.4468

6.4731, 5.5298,
11.2716

339.7930,

3.1782, 2.5613,

338.6290, 437.8668

6.1334

400.5656,
400.3603, 513.0075

■ 1.2487, 0.9073,
2.8562

■ 0.1443, 0.0000,
1.0217

■ 75.3753, 72.4689,
104.6229

■ 75.3753, 72.4689,
104.6229

■ 64.9642, 58.2614,
102.4293

■ 87.1786, 88.8976,
107.1719

■ 55.8836, 46.1678,
100.5736

95.0500, 100.0000,
108.9000

■ 48.0754, 36.0852,
99.0390

■ 41.4749, 27.8981,
97.8067

■ 36.0109, 21.4793,
96.8557

■ 31.6035, 16.6847,
96.1625

■ 28.1607, 13.3467,
95.6997

■ 25.5703, 11.2580,
95.4331

■ 24.7255, 10.6613,
95.3624

Harmonies

Analogous

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



70.2714, 72.4689, 111.9024



75.3753, 72.4689, 104.6229



78.8582, 72.4689, 90.6326

Triad

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



75.3753, 72.4689, 104.6229



72.8607, 72.4689, 54.6341



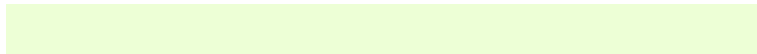
59.1670, 72.4689, 82.9326

Complementary

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



75.3753, 72.4689, 104.6229



82.8242, 94.3803, 77.4736

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.



59.7803, 72.4689, 68.2378



75.3753, 72.4689, 104.6229



67.5061, 72.4689, 53.1320

Square

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



75.3753, 72.4689, 104.6229



77.3547, 72.4689, 62.1998



62.7681, 72.4689, 57.7922



61.0471, 72.4689, 98.3647

Rectangle

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



75.3753, 72.4689, 104.6229



79.6943, 72.4689, 80.0895



62.7681, 72.4689, 57.7922



59.0902, 72.4689, 77.7348

Sweetspot

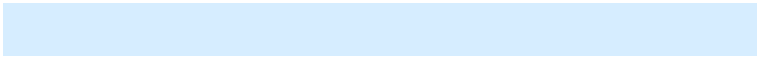
The Sweet Spot groups the original color and five complimentary colors.



75.3773, 72.4719, 104.6234



88.5339, 90.8018, 107.4680



76.1355, 82.2217, 106.4654



18.7601, 19.1686, 22.9611



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.



75.3773, 72.4719, 104.6234



72.1918, 68.0925, 103.9460



82.3395, 76.0610, 104.9492



17.7597, 17.7679, 22.7435



13.0842, 5.6556, 49.8366



1.3968, 0.6140, 4.8582

Inverse Universe

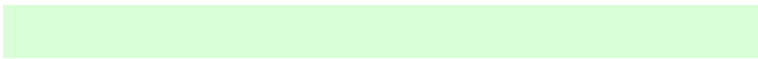
The Inverse Universe completely reimagines the original color for something new.



80.5743, 75.4703, 90.4434



78.2564, 71.5929, 87.3329



76.4357, 91.0869, 77.1746



18.4361, 18.1578, 20.9138



24.2179, 12.1764, 15.0637



2.4130, 1.2076, 1.7561

Previews

White Background



This preview shows how the XYZ color 75.3753, 72.4689, 104.6229 looks on a white background.

Color Contrast Check

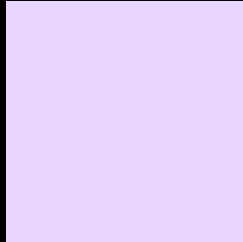
Large Text (above 18pt) WCAG AA × Fail

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 75.3753, 72.4689, 104.6229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

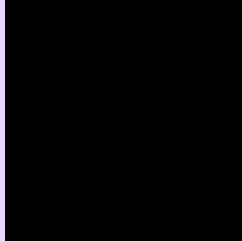
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3753, 72.4689, 104.6229

Background



This preview shows how black text looks on a background with the XYZ color 75.3753, 72.4689, 104.6229.

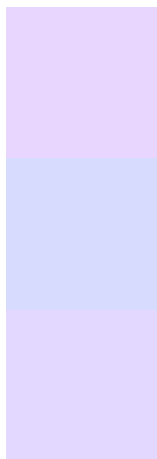


This preview shows how white text looks on a background with the XYZ color 75.3753, 72.4689,

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

75.3753, 72.4689, 104.6229

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

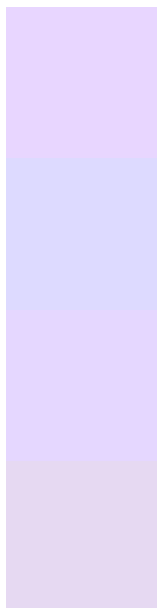
74.2844, 72.6626, 104.7178



Tritanopia

72.3799, 72.7990, 88.8340

Trichromacy



Original Color

75.3753, 72.4689, 104.6229

Protanomaly

72.9402, 72.7350, 104.8026

Deuteranomaly

74.6635, 72.4789, 104.6624

Tritanomaly

73.4730, 72.8595, 94.1952

Monochromacy



Original Color

75.3753, 72.4689, 104.6229

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 75.3753, 72.4689, 104.6229 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.3753, 72.4689, 104.6229 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, 214, 255) }
```


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

```
.border{ border-color:rgb(232, 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(232, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3753, 72.4689, 104.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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