

Converting Colors

XYZ(75.4202, 74.6173, 92.9630)

Have a look what the booklet for
XYZ(75.4202, 74.6173, 92.9630)
contains.

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Color

**XYZ(75.3206, 74.6165,
92.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBF0
RGB	235, 219, 240
RGB Percent	92%, 86%, 94%
CMY	0.0784, 0.1412, 0.0588
CMYK	0.02, 0.09, 0.00, 0.06
HSL	286°, 41%, 90%
HSV	286°, 9%, 94%
XYZ	75.3206, 74.6165, 92.8707
YIQ	226.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

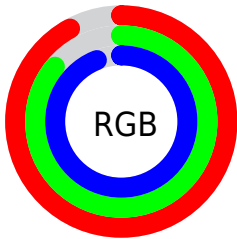
Format	Color
R _Y B	235, 219, 240
Decimal	15457264
CIE Lab	89.21, 9.19, -8.27
CIE LCh	89, 12.364, 318.019
Yxy	74.6165, 0.3102, 0.3073
Android (android.graphics.Color)	4293647344 (0xFFEBDBF0)
YUV	226.1780, 6.8142, 7.7369
Hunter-Lab	86.3808, 4.4783, -3.2779

Details

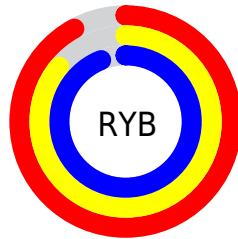
The XYZ color **75.3206, 74.6165, 92.8707** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6896, 83.2840, 79.1605**, and the grayscale version is **72.3702, 76.1391, 82.9154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5176, 39.5953, 50.8546** is the 20% darker color. If you saturate the color by 10%, you get **67.6491, 62.0291, 90.8465**, and if you desaturate by 10%, it is **83.9598, 89.0469, 95.2018**.

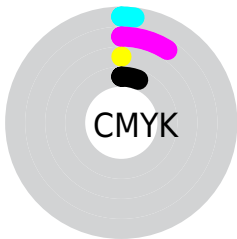
Distribution



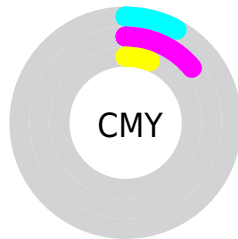
- Red (92%)
- Green (86%)
- Blue (94%)



- Red (92%)
- Yellow (86%)
- Blue (94%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3206, 74.6165, 92.8707 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 75.3206, 74.6165, 92.8707 by changing the saturation by 10% instead.

75.3206, 74.6165,
92.8707

75.3206, 74.6165,
92.8707

467.9990,
476.5984, 558.1348

56.1707, 55.2988,
69.7770

125.7516,
125.7694, 153.2897

40.5773, 39.6410,
50.8691

157.7633,
158.3733, 191.4521

28.1752, 27.2587,
35.7284

194.7931,
196.1747, 235.4745

18.5989, 17.7676,
23.9365

237.2061,
239.5580, 285.7754

11.4831, 10.7833,
15.0747

285.3679,
288.9077, 342.7733

6.4624, 5.9213,
8.7247

339.6438,

3.1716, 2.7973,

344.6080, 406.8868

4.4677

400.3990,
407.0435, 478.5345

■ 1.2451, 1.0268,
1.8853

■ 0.1416, 0.0000,
0.4833

■ 75.3206, 74.6165,
92.8707

■ 75.3206, 74.6165,
92.8707

■ 67.6491, 62.0291,
90.8465

■ 83.9598, 89.0469,
95.2018

■ 60.8998, 51.1979,
89.1116

■ 89.6463, 97.4825,
96.5304

■ 55.0330, 42.0435,
87.6539

■ 91.6869, 98.5344,
96.6259

■ 50.0036, 34.4763,
86.4583

■ 92.7284, 99.0714,
96.6746

■ 45.7622, 28.3985,
85.5088

■ 42.2539, 23.7013,
84.7870

■ 39.4163, 20.2606,
84.2724

■ 37.1756, 17.9298,
83.9406

■ 35.4234, 16.4929,
83.7556

Harmonies

Analogous

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



72.7302, 74.6165, 98.0882



75.3206, 74.6165, 92.8707



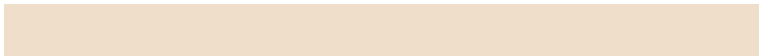
76.7476, 74.6165, 84.7423

Triad

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



75.3206, 74.6165, 92.8707



72.1317, 74.6165, 66.0537



65.5465, 74.6165, 86.4924

Complementary

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



75.3206, 74.6165, 92.8707



74.6896, 83.2840, 79.1605

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.



65.3966, 74.6165, 77.8447



75.3206, 74.6165, 92.8707



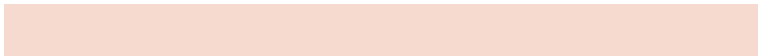
69.1416, 74.6165, 66.4490

Square

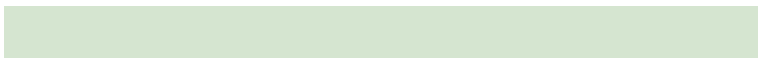
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3206, 74.6165, 92.8707



74.8718, 74.6165, 69.5109



66.6957, 74.6165, 70.6318



67.1112, 74.6165, 94.2298

Rectangle

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



75.3206, 74.6165, 92.8707



76.8210, 74.6165, 78.9493



66.6957, 74.6165, 70.6318



65.3306, 74.6165, 83.5841

Sweetspot

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



75.3228, 74.6197, 92.8723



91.9908, 94.8719, 108.0714



71.6676, 74.8005, 93.0999



19.5185, 20.0202, 23.0855



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.



75.3228, 74.6197, 92.8723



85.2489, 83.6621, 106.2630



76.2283, 75.1753, 88.9025



16.0650, 15.8307, 19.9305



19.4043, 9.0087, 45.8440



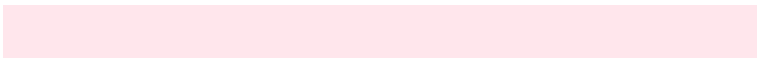
1.7017, 0.7945, 3.8179

Inverse Universe

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



74.7240, 74.5736, 80.9808



84.4762, 83.6070, 90.7172



73.8647, 82.7776, 82.7867



15.9271, 15.8205, 17.1722



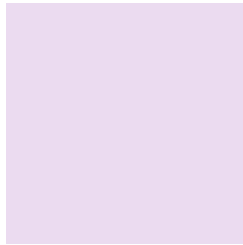
20.1209, 10.3208, 3.2873



1.7115, 0.8736, 0.4715

Previews

White Background



This preview shows how the XYZ color 75.3206, 74.6165, 92.8707 looks on a white background.

Color Contrast Check

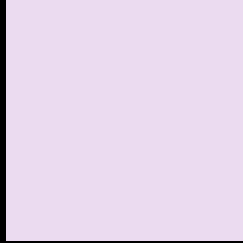
Large Text (above 18pt) WCAG AA × Fail

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 75.3206, 74.6165, 92.8707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

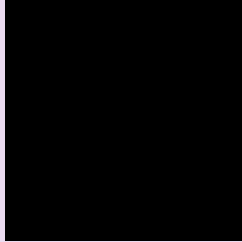
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

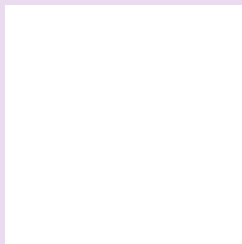
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3206, 74.6165, 92.8707

Background



This preview shows how black text looks on a background with the XYZ color 75.3206, 74.6165, 92.8707.



This preview shows how white text looks on a background with the XYZ color 75.3206, 74.6165,

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

75.3206, 74.6165, 92.8707

Protanopia

72.8461, 74.8741, 94.6172

Deuteranopia

76.3962, 74.7848, 92.8465



Tritanopia

75.1402, 74.9630, 90.6298

Trichromacy



Original Color

75.3206, 74.6165, 92.8707

Protanomaly

73.6770, 74.9243, 93.7977

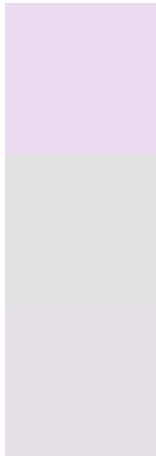
Deuteranomaly

76.0595, 74.6112, 92.8307

Tritanomaly

75.2868, 75.0216, 91.4015

Monochromacy



Original Color

75.3206, 74.6165, 92.8707

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1246, 75.2029, 86.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3206, 74.6165, 92.8707 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(235, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 240)  
}
```

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(235, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.3206, 74.6165, 92.8707 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(235, 219, 240) }
```


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

```
.border{ border-color:rgb(235, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3206, 74.6165, 92.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 240) }
```

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

```
.background{ background-color: rgb(235,  
219, 240) }
```

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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