

Converting Colors

XYZ(75.5015, 75.1092, 92.1911)

Have a look what the booklet for
XYZ(75.5015, 75.1092, 92.1911)
contains.

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Color

**XYZ(75.4341, 75.0806,
92.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDCEF
RGB	235, 220, 239
RGB Percent	92%, 86%, 94%
CMY	0.0784, 0.1372, 0.0627
CMYK	0.02, 0.08, 0.00, 0.06
HSL	287°, 37%, 90%
HSV	287°, 8%, 94%
XYZ	75.4341, 75.0806, 92.1775
YIQ	226.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

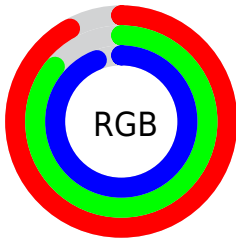
Format	Color
R _Y B	235, 220, 239
Decimal	15457519
CIE Lab	89.43, 8.48, -7.42
CIE LCh	89, 11.273, 318.824
Yxy	75.0806, 0.3108, 0.3094
Android (android.graphics.Color)	4293647599 (0xFFEBDCEF)
YUV	226.6510, 6.0881, 7.3221
Hunter-Lab	86.6491, 3.7609, -2.4185

Details

The XYZ color **75.4341, 75.0806, 92.1775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5281, 82.7496, 79.7582**, and the grayscale version is **72.7179, 76.5049, 83.3138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5928, 39.9129, 50.3642** is the 20% darker color. If you saturate the color by 10%, you get **67.9670, 62.5774, 90.1588**, and if you desaturate by 10%, it is **83.8493, 89.4080, 94.5006**.

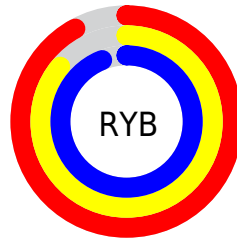
Distribution



Red (92%)

Green (86%)

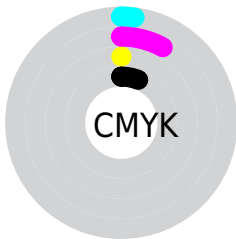
Blue (94%)



Red (92%)

Yellow (86%)

Blue (94%)

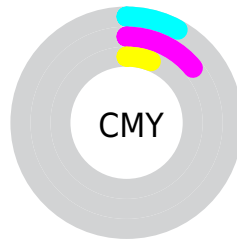


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4341, 75.0806, 92.1775 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 75.4341, 75.0806, 92.1775 by changing the saturation by 10% instead.

75.4341, 75.0806,
92.1775

75.4341, 75.0806,
92.1775

468.3825,
478.1946, 555.8408

56.2640, 55.6789,
69.2042

125.9113,
126.4264, 152.3212

40.6525, 39.9456,
50.4052

157.9491,
159.1394, 190.3287

28.2341, 27.4961,
35.3621

195.0069,
197.0583, 234.1847

18.6436, 17.9462,
23.6561

237.4500,
240.5674, 284.3077

11.5155, 10.9113,
14.8689

285.6437,
290.0512, 341.1163

6.4845, 6.0072,
8.5818

339.9535,

3.1853, 2.8495,

345.8940, 405.0290

4.3764

400.7446,
408.4804, 476.4643

■ 1.2525, 1.0537,
1.8340

■ 0.1472, 0.0000,
0.4503

■ 75.4341, 75.0806,
92.1775

■ 75.4341, 75.0806,
92.1775

■ 67.9670, 62.5774,
90.1588

■ 83.8493, 89.4080,
94.5006

■ 61.4033, 51.8126,
88.4270

■ 89.0197, 97.1766,
95.7275

■ 55.7040, 42.7083,
86.9700

■ 90.8002, 98.0944,
95.8109

■ 50.8251, 35.1766,
85.7734

■ 92.5802, 99.0121,
95.8942

■ 46.7182, 29.1215,
84.8211

■ 43.3297, 24.4362,
84.0954

■ 40.5987, 20.9996,
83.5760

■ 38.4534, 18.6688,
83.2391

■ 36.7957, 17.2481,
83.0523

Harmonies

Analogous

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



73.0891, 75.0806, 97.0069



75.4341, 75.0806, 92.1775



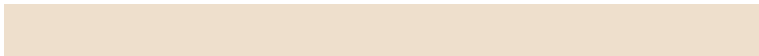
76.6994, 75.0806, 84.7334

Triad

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



75.4341, 75.0806, 92.1775



72.3961, 75.0806, 67.7189



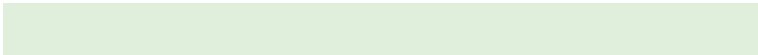
66.4525, 75.0806, 86.7562

Complementary

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



75.4341, 75.0806, 92.1775



74.5281, 82.7496, 79.7582

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.



66.2778, 75.0806, 78.8375



75.4341, 75.0806, 92.1775



69.6620, 75.0806, 68.1831

Square

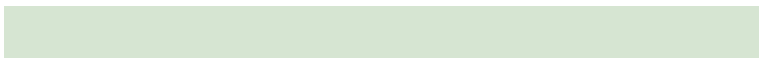
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4341, 75.0806, 92.1775



74.9156, 75.0806, 70.8285



67.4389, 75.0806, 72.1402



67.9224, 75.0806, 93.7402

Rectangle

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



75.4341, 75.0806, 92.1775



76.7392, 75.0806, 79.4391



67.4389, 75.0806, 72.1402



66.2418, 75.0806, 84.1053

Sweetspot

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



75.4363, 75.0838, 92.1791



93.0505, 96.5860, 108.3464



71.7854, 74.8252, 92.3216



19.9376, 20.7091, 23.1964



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.



75.4363, 75.0838, 92.1791



85.4999, 83.7915, 106.2748



75.9884, 75.4589, 88.1154



16.1094, 15.8536, 19.9326



20.2762, 9.4582, 45.8848



1.7673, 0.8284, 3.8210

Inverse Universe

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



74.6470, 74.9224, 81.0521



84.3744, 83.5663, 90.1814



74.0274, 82.4078, 83.5164



15.9090, 15.8133, 17.0768



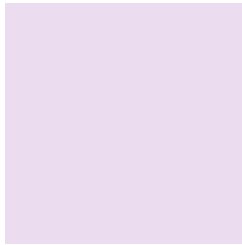
20.0321, 10.2853, 2.8195



1.7017, 0.8697, 0.4200

Previews

White Background



This preview shows how the XYZ color 75.4341, 75.0806, 92.1775 looks on a white background.

Color Contrast Check

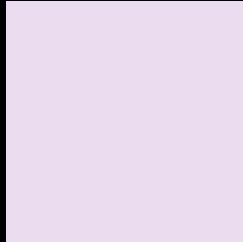
Large Text (above 18pt) WCAG AA × Fail

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 75.4341, 75.0806, 92.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

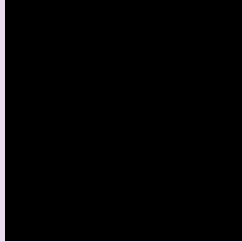
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

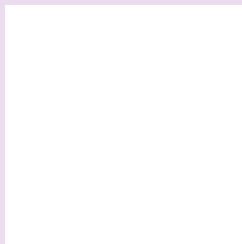
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4341, 75.0806, 92.1775

Background



This preview shows how black text looks on a background with the XYZ color 75.4341, 75.0806, 92.1775.



This preview shows how white text looks on a background with the XYZ color 75.4341, 75.0806,

92.1775.

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

75.4341, 75.0806, 92.1775

Protanopia

73.0053, 74.9735, 93.8426

Deuteranopia

76.5866, 74.9001, 92.0820



Tritanopia

75.2868, 75.0216, 91.4015

Trichromacy



Original Color

75.4341, 75.0806, 92.1775

Protanomaly

73.8444, 75.0278, 93.0279

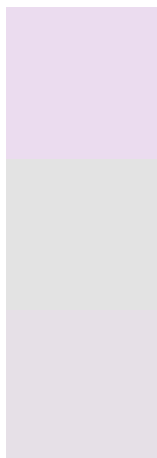
Deuteranomaly

76.1714, 75.0722, 92.1371

Tritanomaly

75.2868, 75.0216, 91.4015

Monochromacy



Original Color

75.4341, 75.0806, 92.1775

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7126, 75.9038, 86.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4341, 75.0806, 92.1775 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, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 239)  
}
```

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, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.4341, 75.0806, 92.1775 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, 220, 239) }
```


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

```
.border{ border-color:rgb(235, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4341, 75.0806, 92.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 239) }
```

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

```
.background{ background-color: rgb(235,  
220, 239) }
```

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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