

Converting Colors

XYZ(75.0084, 75.7188, 90.7085)

Have a look what the booklet for
XYZ(75.0084, 75.7188, 90.7085)
contains.

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Color

**XYZ(75.0116, 75.6806,
90.7750)**

Conversions

Conversions Part 1	
Format	Color
Hex	E9DEED
RGB	233, 222, 237
RGB Percent	91%, 87%, 93%
CMY	0.0863, 0.1294, 0.0706
CMYK	0.02, 0.06, 0.00, 0.07
HSL	284°, 29%, 90%
HSV	284°, 6%, 93%
XYZ	75.0116, 75.6806, 90.7750
YIQ	226.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

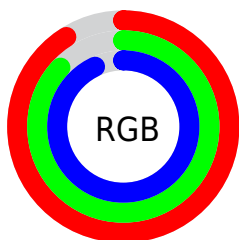
Format	Color
RYB	233, 222, 237
Decimal	15326957
CIELab	89.71, 6.41, -5.97
CIELCh	90, 8.764, 317.022
Yxy	75.6806, 0.3106, 0.3134
Android (android.graphics.Color)	4293517037 (0xFFE9DEED)
YUV	226.9990, 4.9305, 5.2629
Hunter-Lab	86.9946, 1.6721, -0.9703

Details

The XYZ color **75.0116, 75.6806, 90.7750** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8358, 82.0130, 80.9969**, and the grayscale version is **72.9792, 76.7798, 83.6132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2907, 40.3207, 49.3752** is the 20% darker color. If you saturate the color by 10%, you get **67.1280, 62.9213, 88.7289**, and if you desaturate by 10%, it is **83.8583, 90.2541, 93.1228**.

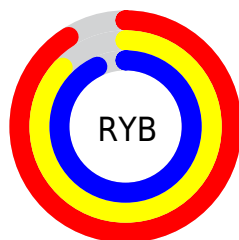
Distribution



Red (91%)

Green (87%)

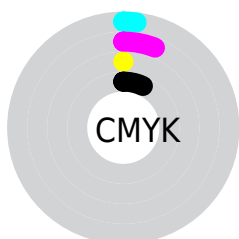
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

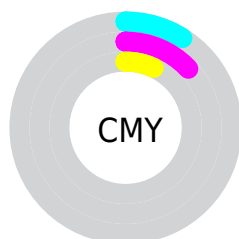


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0116, 75.6806, 90.7750 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 75.0116, 75.6806, 90.7750 by changing the saturation by 10% instead.


 75.0116, 75.6806,
90.7750

 75.0116, 75.6806,
90.7750


466.9540,
480.2536, 551.1837

 55.9166, 56.1706,
68.0463


125.3166,
127.2753, 150.3593

 40.3728, 40.3398,
49.4685


157.2573,
160.1289, 188.0521

 28.0148, 27.8035,
34.6230


194.2106,
198.1991, 231.5698

 18.4774, 18.1776,
23.0914

236.5420,
241.8703, 281.3312

 11.3950, 11.0776,
14.4551

284.6166,
291.5270, 337.7548

 6.4024, 6.1190,
8.2955


338.7999,


 3.1343, 2.9176,


347.5535, 401.2590


4.1941


399.4573,
410.3343, 472.2625


 1.2252, 1.0889,
1.7324


 0.1261, 0.0000,
0.3828


 75.0116, 75.6806,
90.7750


 75.0116, 75.6806,
90.7750

 67.1280, 62.9213,
88.7289


 83.8583, 90.2541,
93.1228


 60.1634, 51.8927,
86.9672

 88.9277, 97.1631,
94.1892

 54.0801, 42.5189,
85.4785

 91.1788, 98.3236,
94.2946

 48.8348, 34.7150,
84.2486

 92.2863, 98.8945,
94.3464

■ 44.3805, 28.3880,
83.2622

■ 40.6653, 23.4351,
82.5020

■ 37.6303, 19.7401,
81.9487

■ 35.2070, 17.1670,
81.5798

■ 33.3100, 15.5463,
81.3670

Harmonies

Analogous

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



73.1540, 75.6806, 94.2996



75.0116, 75.6806, 90.7750



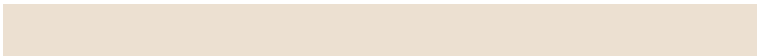
76.0528, 75.6806, 85.1016

Triad

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



75.0116, 75.6806, 90.7750



72.8682, 75.6806, 71.3546



68.0361, 75.6806, 85.9322

Complementary

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



75.0116, 75.6806, 90.7750



74.8358, 82.0130, 80.9969

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.



67.9631, 75.6806, 79.7627



75.0116, 75.6806, 90.7750



70.7240, 75.6806, 71.5521

Square

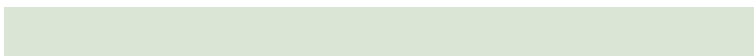
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0116, 75.6806, 90.7750



74.7988, 75.6806, 74.0092



68.9381, 75.6806, 74.5628



69.1397, 75.6806, 91.4092

Rectangle

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



75.0116, 75.6806, 90.7750



76.1306, 75.6806, 80.9586



68.9381, 75.6806, 74.5628



67.8910, 75.6806, 83.8651

Sweetspot

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



75.0138, 75.6838, 90.7766



92.9459, 96.5320, 108.3415



72.6777, 76.1761, 90.9948



19.9163, 20.6982, 23.1954



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.



75.0138, 75.6838, 90.7766



86.9104, 86.6505, 106.7523



75.8640, 76.1765, 88.3605



15.3001, 15.1000, 19.0304



17.9806, 8.3053, 44.3984



1.5022, 0.6987, 3.4906

Inverse Universe

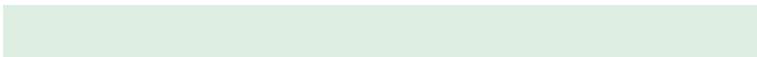
The Inverse Universe completely reimagines the original color for something new.



74.7764, 75.7415, 82.6337



86.5682, 86.7416, 94.6503



74.0358, 81.5498, 83.2549



15.2304, 15.1200, 16.4988



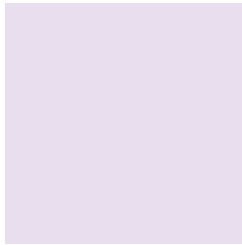
19.6073, 10.0456, 3.7334



1.5785, 0.8044, 0.4977

Previews

White Background



This preview shows how the XYZ color 75.0116, 75.6806, 90.7750 looks on a white background.

Color Contrast Check

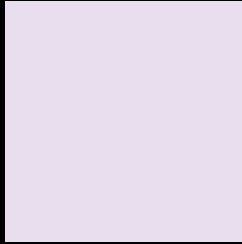
Large Text (above 18pt) WCAG AA × Fail

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 75.0116, 75.6806, 90.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

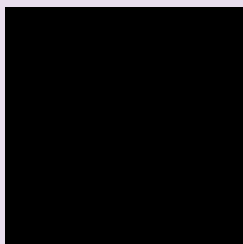
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

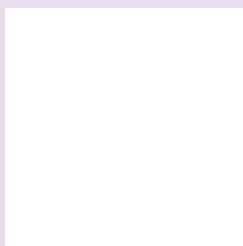
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0116, 75.6806, 90.7750

Background



This preview shows how black text looks on a background with the XYZ color 75.0116, 75.6806, 90.7750.

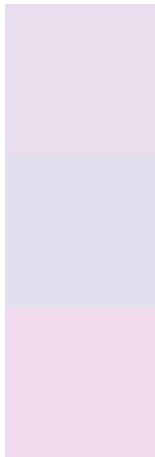


This preview shows how white text looks on a background with the XYZ color 75.0116, 75.6806,

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

75.0116, 75.6806, 90.7750

Protanopia

73.4523, 75.6531, 91.6201

Deuteranopia

77.3821, 75.7133, 91.4246



Tritanopia

75.3055, 75.7982, 92.3228

Trichromacy



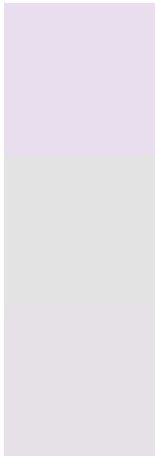
Original Color
75.0116, 75.6806, 90.7750

Protanomaly
74.1334, 75.6064, 91.5752

Deuteranomaly
76.6224, 75.7102, 91.4640

Tritanomaly
75.1582, 75.7392, 91.5468

Monochromacy



Original Color
75.0116, 75.6806, 90.7750

Achromatopsia
73.0128, 76.8151, 83.6517

Achromatomaly
73.6621, 76.2780, 86.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0116, 75.6806, 90.7750 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, 222, 237) looks like.

```
.text, #text, p{  
    color:rgb(233, 222, 237)  
}
```

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, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.0116, 75.6806, 90.7750 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, 222, 237) }
```


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

```
.border{ border-color:rgb(233, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0116, 75.6806, 90.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 237) }
```

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

```
.background{ background-color: rgb(233,  
222, 237) }
```

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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