

Converting Colors

XYZ(74.8242, 75.7626, 90.4689)

Have a look what the booklet for
XYZ(74.8242, 75.7626, 90.4689)
contains.

XYZ(74.6860, 75.5128, 90.7598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.6860, 75.5128,
90.7598)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DEED
RGB	232, 222, 237
RGB Percent	91%, 87%, 93%
CMY	0.0902, 0.1294, 0.0706
CMYK	0.02, 0.06, 0.00, 0.07
HSL	280°, 29%, 90%
HSV	280°, 6%, 93%
XYZ	74.6860, 75.5128, 90.7598
YIQ	226.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

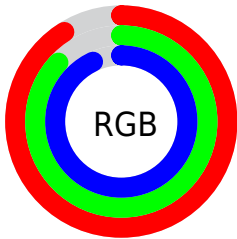
Format	Color
RYB	232, 222, 237
Decimal	15261421
CIELab	89.63, 6.08, -6.10
CIELCh	90, 8.611, 314.909
Yxy	75.5128, 0.3100, 0.3134
Android (android.graphics.Color)	4293451501 (0xFFE8DEED)
YUV	226.7000, 5.0779, 4.6481
Hunter-Lab	86.8981, 1.3431, -1.0961

Details

The XYZ color **74.6860, 75.5128, 90.7598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1505, 82.1752, 81.0117**, and the grayscale version is **72.7614, 76.5506, 83.3636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0637, 40.2037, 49.3646** is the 20% darker color. If you saturate the color by 10%, you get **66.3214, 62.5056, 88.6911**, and if you desaturate by 10%, it is **84.0551, 90.3555, 93.1321**.

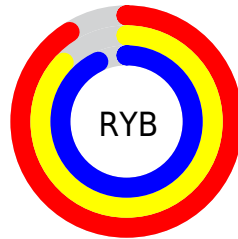
Distribution



Red (91%)

Green (87%)

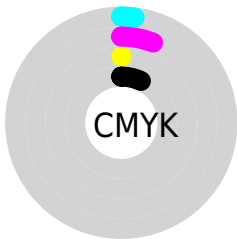
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

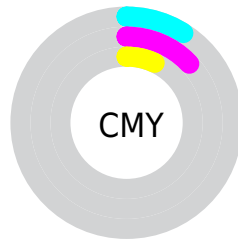


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6860, 75.5128, 90.7598 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 74.6860, 75.5128, 90.7598 by changing the saturation by 10% instead.

74.6860, 75.5128,
90.7598

74.6860, 75.5128,
90.7598

465.8514,
479.6783, 551.1331

55.6490, 56.0331,
68.0337

124.8581,
127.0380, 150.3381

40.1574, 40.2295,
49.4583

156.7238,
159.8523, 188.0273

27.8461, 27.7175,
34.6150

193.5965,
197.8802, 231.5414

18.3495, 18.1128,
23.0853

235.8415,
241.5061, 281.2989

11.3024, 11.0310,
14.4506

283.8241,
291.1145, 337.7183

6.3394, 6.0877,
8.2924

337.9097,

3.0952, 2.8985,

347.0898, 401.2180

4.1922

398.4637,
409.8162, 472.2168

■ 1.2043, 1.0790,
1.7314

■ 0.1097, 0.0000,
0.3821

■ 74.6860, 75.5128,
90.7598

■ 74.6860, 75.5128,
90.7598

■ 66.3214, 62.5056,
88.6911

■ 84.0551, 90.3555,
93.1321

■ 58.9166, 51.2499,
86.9089

■ 89.6889, 97.5555,
94.2249

■ 52.4330, 41.6698,
85.4014

■ 92.2863, 98.8945,
94.3464

■ 46.8265, 33.6797,
84.1547

■ 42.0494, 27.1863,
83.1531

■ 38.0489, 22.0864,
82.3796

■ 34.7654, 18.2632,
81.8147

■ 32.1295, 15.5805,
81.4358

■ 30.0547, 13.8682,
81.2146

Harmonies

Analogous

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



72.8254, 75.5128, 94.0129



74.6860, 75.5128, 90.7598



75.7765, 75.5128, 85.2945

Triad

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



74.6860, 75.5128, 90.7598



72.8381, 75.5128, 71.4669



67.9091, 75.5128, 85.2576

Complementary

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



74.6860, 75.5128, 90.7598



75.1505, 82.1752, 81.0117

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.



67.9124, 75.5128, 79.2215



74.6860, 75.5128, 90.7598



70.7301, 75.5128, 71.4581

Square

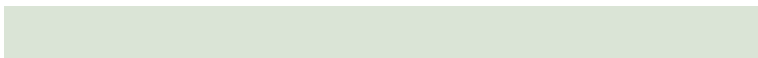
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6860, 75.5128, 90.7598



74.6954, 75.5128, 74.2592



68.9361, 75.5128, 74.2345



68.9271, 75.5128, 90.7317

Rectangle

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



74.6860, 75.5128, 90.7598



75.9067, 75.5128, 81.2268



68.9361, 75.5128, 74.2345



67.7915, 75.5128, 83.2225

Sweetspot

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



74.6882, 75.5160, 90.7614



92.8217, 96.4680, 108.3357



72.9508, 76.7223, 91.0858



19.8910, 20.6851, 23.1942



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.



74.6882, 75.5160, 90.7614



86.4256, 86.4006, 106.7296



76.0079, 76.2341, 89.1182



15.1986, 15.0476, 19.0257



16.1864, 7.3803, 44.3144



1.3723, 0.6317, 3.4845

Inverse Universe

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



74.9142, 75.7966, 83.3589



86.7712, 86.8228, 95.7193



73.8997, 81.4953, 82.5377



15.2726, 15.1369, 16.7209



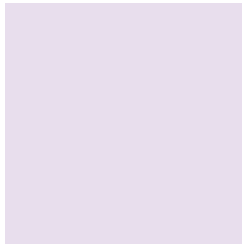
19.8931, 10.1599, 5.2386



1.6053, 0.8151, 0.6388

Previews

White Background



This preview shows how the XYZ color 74.6860, 75.5128, 90.7598 looks on a white background.

Color Contrast Check

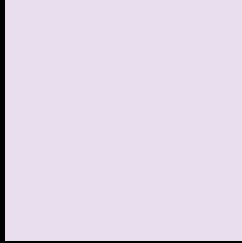
Large Text (above 18pt) WCAG AA × Fail

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 74.6860, 75.5128, 90.7598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

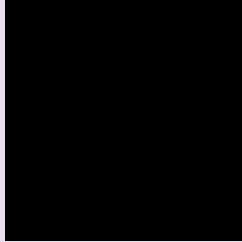
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

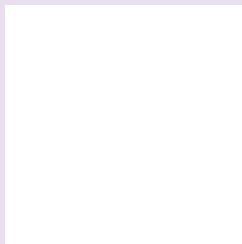
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6860, 75.5128, 90.7598

Background



This preview shows how black text looks on a background with the XYZ color 74.6860, 75.5128, 90.7598.



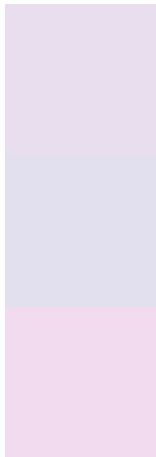
This preview shows how white text looks on a background with the XYZ color 74.6860, 75.5128,

90.7598.

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

74.6860, 75.5128, 90.7598

Protanopia

73.4523, 75.6531, 91.6201

Deuteranopia

77.3821, 75.7133, 91.4246



Tritanopia

74.9800, 75.6304, 92.3076

Trichromacy



Original Color

74.6860, 75.5128, 90.7598

Protanomaly

73.8152, 75.4424, 91.5603

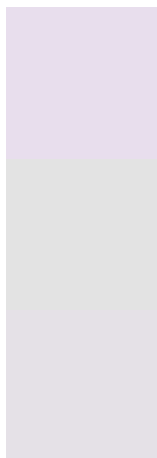
Deuteranomaly

76.2857, 75.5366, 91.4482

Tritanomaly

74.8326, 75.5714, 91.5316

Monochromacy



Original Color

74.6860, 75.5128, 90.7598

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 74.6860, 75.5128, 90.7598 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, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.6860, 75.5128, 90.7598 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, 222, 237) }
```


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

```
.border{ border-color:rgb(232, 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(232, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6860, 75.5128, 90.7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 237) }
```

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

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