

Converting Colors

XYZ(73.6116, 73.8852, 92.5318)

Have a look what the booklet for
XYZ(73.6116, 73.8852, 92.5318)
contains.

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Color

**XYZ(73.6928, 73.7773,
92.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DBF0
RGB	230, 219, 240
RGB Percent	90%, 86%, 94%
CMY	0.0980, 0.1412, 0.0588
CMYK	0.04, 0.09, 0.00, 0.06
HSL	271°, 41%, 90%
HSV	271°, 9%, 94%
XYZ	73.6928, 73.7773, 92.7945
YIQ	224.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

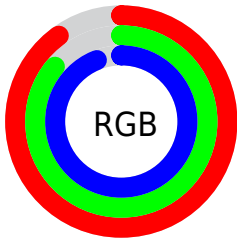
Format	Color
R _{YB}	230, 219, 240
Decimal	15129584
CIE Lab	88.82, 7.54, -8.90
CIE LCh	89, 11.665, 310.268
Yxy	73.7773, 0.3067, 0.3071
Android (android.graphics.Color)	4293319664 (0xFFE6DBF0)
YUV	224.6830, 7.5513, 4.6630
Hunter-Lab	85.8937, 2.8307, -3.9278

Details

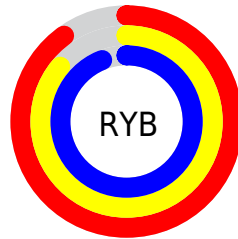
The XYZ color **73.6928, 73.7773, 92.7945** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2621, 84.0946, 79.2340**, and the grayscale version is **71.2900, 75.0026, 81.6778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3827, 39.0103, 50.8014** is the 20% darker color. If you saturate the color by 10%, you get **64.3292, 60.3175, 90.6911**, and if you desaturate by 10%, it is **84.2040, 89.1727, 95.2132**.

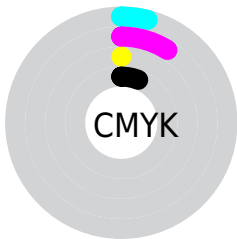
Distribution



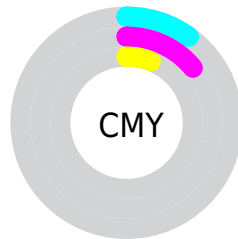
- Red (90%)
- Green (86%)
- Blue (94%)



- Red (90%)
- Yellow (86%)
- Blue (94%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6928, 73.7773, 92.7945 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 73.6928, 73.7773, 92.7945 by changing the saturation by 10% instead.

73.6928, 73.7773,
92.7945

73.6928, 73.7773,
92.7945

462.4791,
473.7044, 557.8829

54.8330, 54.6118,
69.7140

123.4581,
124.5801, 153.1833

39.5014, 39.0910,
50.8180

155.0943,
156.9861, 191.3287

27.3325, 26.8305,
35.6881

191.7200,
194.5744, 235.3328

17.9609, 17.4460,
23.9056

233.7007,
237.7295, 285.6142

11.0215, 10.5530,
15.0521

281.4015,
286.8356, 342.5913

6.1487, 5.7671,
8.7089

335.1880,

2.9772, 2.7040,

342.2772, 406.6828

4.4576

395.4254,
404.4387, 478.3071

■ 1.1417, 0.9792,
1.8796

■ 0.0596, 0.0000,
0.4797

■ 73.6928, 73.7773,
92.7945

■ 73.6928, 73.7773,
92.7945

■ 64.3292, 60.3175,
90.6911

■ 84.2040, 89.1727,
95.2132

■ 56.0637, 48.7047,
88.8853

■ 91.9464, 98.6682,
96.6380

■ 48.8525, 38.8572,
87.3646

■ 92.7284, 99.0714,
96.6746

■ 42.6461, 30.6834,
86.1140

■ 37.3909, 24.0829,
85.1170

■ 33.0272, 18.9447,
84.3552

■ 29.4879, 15.1423,
83.8078

■ 26.6941, 12.5264,
83.4501

■ 24.5323, 10.8783,
83.2459

Harmonies

Analogous

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



71.0958, 73.7773, 96.6302



73.6928, 73.7773, 92.7945



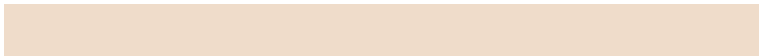
75.3610, 73.7773, 85.6981

Triad

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



73.6928, 73.7773, 92.7945



71.9729, 73.7773, 66.5603



64.9132, 73.7773, 83.1358

Complementary

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



73.6928, 73.7773, 92.7945



76.2621, 84.0946, 79.2340

Split Complementary

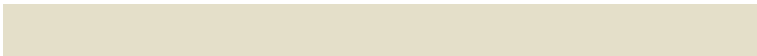
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.1337, 73.7773, 75.1927



73.6928, 73.7773, 92.7945



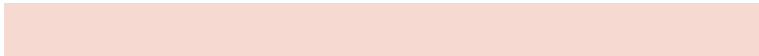
69.1594, 73.7773, 65.9761

Square

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



73.6928, 73.7773, 92.7945



74.3497, 73.7773, 70.6900



66.6706, 73.7773, 69.0366



66.0598, 73.7773, 90.8109

Rectangle

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



73.6928, 73.7773, 92.7945



75.6961, 73.7773, 80.2582



66.6706, 73.7773, 69.0366



64.8306, 73.7773, 80.4037

Sweetspot

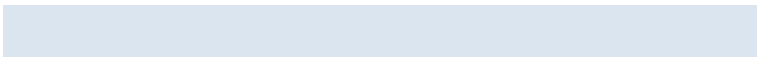
The Sweet Spot groups the original color and five complimentary colors.



73.6950, 73.7804, 92.7961



91.3301, 94.5313, 108.0405



73.0052, 77.4758, 93.5458



19.3400, 19.9282, 23.0771



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.



73.6950, 73.7804, 92.7961



83.1200, 82.5646, 106.1634



76.9450, 75.4619, 92.6771



15.6873, 15.6360, 19.9129



13.4503, 5.9393, 45.5654



1.2338, 0.5533, 3.7960

Inverse Universe

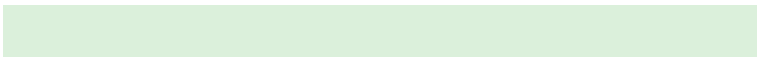
The Inverse Universe completely reimagines the original color for something new.



75.4122, 74.8488, 84.6051



85.3716, 83.9652, 95.4323



73.2086, 82.5151, 79.3318



16.0863, 15.8842, 18.0106



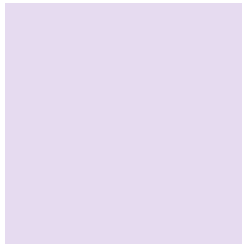
21.4099, 10.8364, 10.0752



1.8311, 0.9215, 1.1013

Previews

White Background



This preview shows how the XYZ color 73.6928, 73.7773, 92.7945 looks on a white background.

Color Contrast Check

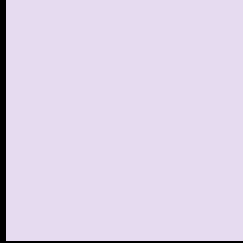
Large Text (above 18pt) WCAG AA × Fail

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 73.6928, 73.7773, 92.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

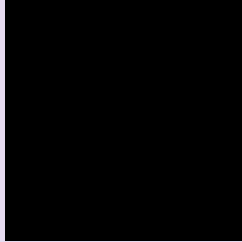
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

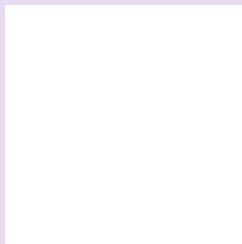
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6928, 73.7773, 92.7945

Background



This preview shows how black text looks on a background with the XYZ color 73.6928, 73.7773, 92.7945.



This preview shows how white text looks on a background with the XYZ color 73.6928, 73.7773,

92.7945.

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

73.6928, 73.7773, 92.7945

Protanopia

72.2725, 74.1830, 94.5140

Deuteranopia

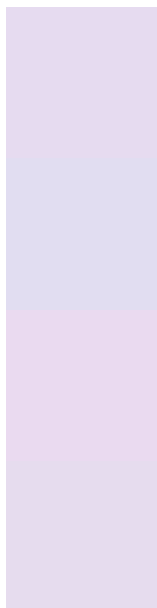
75.4661, 73.9215, 92.7289



Tritanopia

73.5124, 74.1238, 90.5536

Trichromacy



Original Color

73.6928, 73.7773, 92.7945

Protanomaly

72.7850, 74.0713, 93.6801

Deuteranomaly

74.7313, 73.9265, 92.7686

Tritanomaly

73.6589, 74.1824, 91.3253

Monochromacy



Original Color

73.6928, 73.7773, 92.7945

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3492, 74.8194, 85.4913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6928, 73.7773, 92.7945 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(230, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.6928, 73.7773, 92.7945 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(230, 219, 240) }
```


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

```
.border{ border-color:rgb(230, 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(230, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6928, 73.7773, 92.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 240) }
```

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

```
.background{ background-color: rgb(230,  
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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