

Converting Colors

XYZ(72.8334, 73.3483, 92.7300)

Have a look what the booklet for
XYZ(72.8334, 73.3483, 92.7300)
contains.

XYZ(72.7382, 73.2852, 92.7498)	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(72.7382, 73.2852,
92.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DBF0
RGB	227, 219, 240
RGB Percent	89%, 86%, 94%
CMY	0.1098, 0.1412, 0.0588
CMYK	0.05, 0.09, 0.00, 0.06
HSL	263°, 41%, 90%
HSV	263°, 9%, 94%
XYZ	72.7382, 73.2852, 92.7498
YIQ	223.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

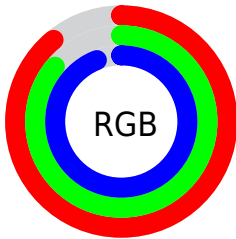
Format	Color
R _{YB}	227, 219, 240
Decimal	14932976
CIE Lab	88.58, 6.55, -9.27
CIE LCh	89, 11.356, 305.255
Yxy	73.2852, 0.3046, 0.3069
Android (android.graphics.Color)	4293123056 (0xFFE3DBF0)
YUV	223.7860, 7.9935, 2.8187
Hunter-Lab	85.6068, 1.8557, -4.3124

Details

The XYZ color **72.7382, 73.2852, 92.7498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2278, 84.5924, 79.2791**, and the grayscale version is **70.6464, 74.3255, 80.9404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9404, 38.7823, 50.7807** is the 20% darker color. If you saturate the color by 10%, you get **62.4369, 59.3420, 90.6026**, and if you desaturate by 10%, it is **84.3510, 89.2485, 95.2201**.

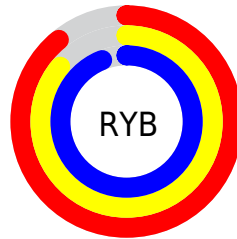
Distribution



Red (89%)

Green (86%)

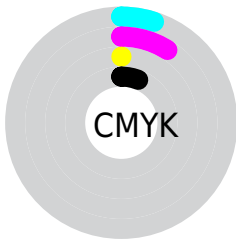
Blue (94%)



Red (89%)

Yellow (86%)

Blue (94%)

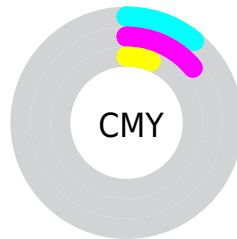


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7382, 73.2852, 92.7498 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 72.7382, 73.2852, 92.7498 by changing the saturation by 10% instead.

72.7382, 73.2852,
92.7498

72.7382, 73.2852,
92.7498

459.2248,
472.0027, 557.7351

54.0495, 54.2092,
69.6771

122.1106,
123.8820, 153.1209

38.8721, 38.7689,
50.7881

153.5251,
156.1716, 191.2563

26.8405, 26.5800,
35.6645

189.9122,
193.6345, 235.2497

17.5894, 17.2581,
23.8875

231.6373,
236.6551, 285.5196

10.7535, 10.4187,
15.0388

279.0657,
285.6179, 342.4845

5.9674, 5.6774,
8.6997

332.5629,

2.8658, 2.6499,

340.9071, 406.5631

4.4517

392.4941,
402.9072, 478.1737

■ 1.0832, 0.9518,
1.8763

■ 0.0110, 0.0000,
0.4776

■ 72.7382, 73.2852,
92.7498

■ 72.7382, 73.2852,
92.7498

■ 62.4369, 59.3420,
90.6026

■ 84.3510, 89.2485,
95.2201

■ 53.3921, 47.3275,
88.7602

■ 92.7284, 99.0714,
96.6746

■ 45.5542, 37.1569,
87.2102

■ 38.8674, 28.7354,
85.9371

■ 33.2715, 21.9593,
84.9241

■ 28.7001, 16.7140,
84.1526

■ 25.0784, 12.8691,
83.6014

■ 22.3198, 10.2713,
83.2454

■ 20.3019, 8.6975,
83.0479

Harmonies

Analogous

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



70.1386, 73.2852, 95.7686



72.7382, 73.2852, 92.7498



74.5462, 73.2852, 86.2734

Triad

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



72.7382, 73.2852, 92.7498



71.8821, 73.2852, 66.8719



64.5439, 73.2852, 81.1837

Complementary

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



72.7382, 73.2852, 92.7498



77.2278, 84.5924, 79.2791

Split Complementary

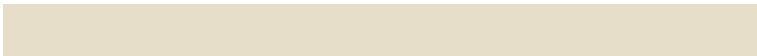
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9833, 73.2852, 73.6495



72.7382, 73.2852, 92.7498



69.1744, 73.2852, 65.7046

Square

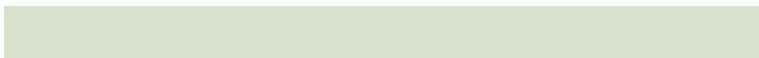
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7382, 73.2852, 92.7498



74.0430, 73.2852, 71.4058



66.6609, 73.2852, 68.1066



65.4447, 73.2852, 88.8171

Rectangle

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



72.7382, 73.2852, 92.7498



75.0341, 73.2852, 81.0488



66.6609, 73.2852, 68.1066



64.5400, 73.2852, 78.5544

Sweetspot

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



72.7404, 73.2883, 92.7514



90.9367, 94.3285, 108.0221



73.8853, 79.2361, 93.8391



19.2339, 19.8735, 23.0722



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.



72.7404, 73.2883, 92.7514



81.8760, 81.9233, 106.1052



76.0538, 74.9965, 92.9065



15.4663, 15.5221, 19.9025



11.1301, 4.7432, 45.4568



1.0333, 0.4500, 3.7866

Inverse Universe

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



75.8348, 75.0178, 86.8307



85.9234, 84.1859, 98.3381



74.0118, 82.9345, 79.1286



16.1842, 15.9234, 18.5265



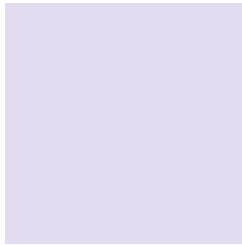
22.6903, 11.3486, 16.8178



1.9359, 0.9634, 1.6534

Previews

White Background



This preview shows how the XYZ color 72.7382, 73.2852, 92.7498 looks on a white background.

Color Contrast Check

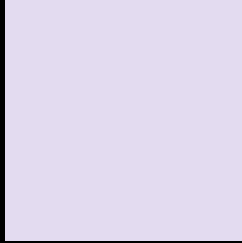
Large Text (above 18pt) WCAG AA × Fail

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 72.7382, 73.2852, 92.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

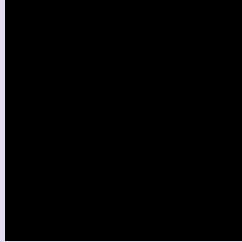
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

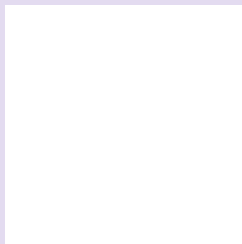
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7382, 73.2852, 92.7498

Background



This preview shows how black text looks on a background with the XYZ color 72.7382, 73.2852, 92.7498.



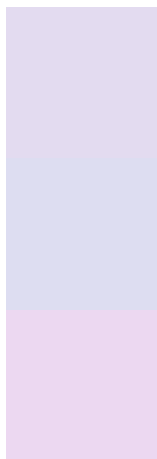
This preview shows how white text looks on a background with the XYZ color 72.7382, 73.2852,

92.7498.

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

72.7382, 73.2852, 92.7498

Protanopia

71.5524, 73.4359, 93.6224

Deuteranopia

75.0251, 73.2955, 93.4123



Tritanopia

72.5578, 73.6317, 90.5089

Trichromacy



Original Color

72.7382, 73.2852, 92.7498

Protanomaly

71.9018, 73.2252, 93.5633

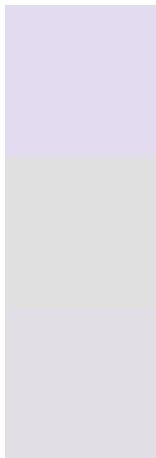
Deuteranomaly

74.2943, 73.3002, 93.4517

Tritanomaly

72.7044, 73.6903, 91.2806

Monochromacy



Original Color

72.7382, 73.2852, 92.7498

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4555, 73.9633, 85.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7382, 73.2852, 92.7498 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(227, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.7382, 73.2852, 92.7498 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(227, 219, 240) }
```


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

```
.border{ border-color:rgb(227, 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(227, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7382, 73.2852, 92.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 240) }
```

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

```
.background{ background-color: rgb(227,  
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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