

Converting Colors

XYZ(72.5522, 73.3450, 96.2853)

Have a look what the booklet for
XYZ(72.5522, 73.3450, 96.2853)
contains.

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Color

**XYZ(72.6628, 73.5653,
95.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCF4
RGB	224, 220, 244
RGB Percent	88%, 86%, 96%
CMY	0.1216, 0.1372, 0.0431
CMYK	0.08, 0.10, 0.00, 0.04
HSL	250°, 52%, 91%
HSV	250°, 10%, 96%
XYZ	72.6628, 73.5653, 95.9577
YIQ	223.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

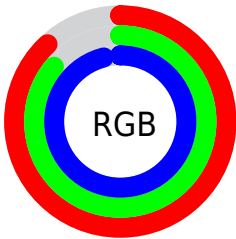
Format	Color
R_{YB}	224, 220, 244
Decimal	14736628
CIE Lab	88.72, 5.82, -11.20
CIE LCh	89, 12.627, 297.461
Yxy	73.5653, 0.3000, 0.3038
Android (android.graphics.Color)	4292926708 (0xFFE0DCF4)
YUV	223.9320, 9.8935, 0.0596
Hunter-Lab	85.7702, 1.1237, -6.2931

Details

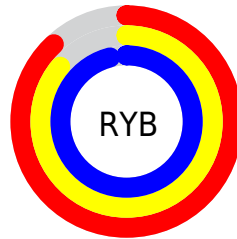
The XYZ color **72.6628, 73.5653, 95.9577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.2067, 88.3958, 80.4957**, and the grayscale version is **70.7391, 74.4230, 81.0467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8944, 38.9761, 53.0501** is the 20% darker color. If you saturate the color by 10%, you get **60.7907, 58.6238, 93.7006**, and if you desaturate by 10%, it is **86.2277, 90.7708, 98.5649**.

Distribution



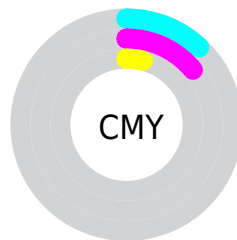
- Red (88%)
- Green (86%)
- Blue (96%)



- Red (88%)
- Yellow (86%)
- Blue (96%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6628, 73.5653, 95.9577 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 72.6628, 73.5653, 95.9577 by changing the saturation by 10% instead.

72.6628, 73.5653,
95.9577

72.6628, 73.5653,
95.9577

458.9672,
472.9717, 568.2889

53.9877, 54.4383,
72.3310

122.0041,
124.2794, 157.5940

38.8224, 38.9522,
52.9407

153.4010,
156.6353, 196.4407

26.8017, 26.7225,
37.3680

189.7692,
194.1697, 241.1978

17.5602, 17.3650,
25.1945

231.4741,
237.2668, 292.2839

10.7325, 10.4950,
16.0017

278.8809,
286.3112, 350.1176

5.9532, 5.7284,
9.3710

332.3552,

2.8570, 2.6806,

341.6872, 415.1172

4.8838

392.2621,
403.7793, 487.7015

■ 1.0786, 0.9674,
2.1217

■ 0.0071, 0.0000,
0.6287

■ 72.6628, 73.5653,
95.9577

■ 72.6628, 73.5653,
95.9577

■ 60.7907, 58.6238,
93.7006

■ 86.2277, 90.7708,
98.5649

■ 50.5381, 45.8428,
91.7740

■ 93.3293, 99.3117,
99.8392

■ 41.8358, 35.1244,
90.1638

■ 34.6073, 26.3596,
88.8530

■ 28.7693, 19.4291,
87.8229

■ 24.2298, 14.2006,
87.0530

■ 20.8856, 10.5237,
86.5195

■ 18.6167, 8.2208,
86.1946

■ 17.2474, 7.0115,
86.0334

Harmonies

Analogous

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



69.6619, 73.5653, 98.0906



72.6628, 73.5653, 95.9577



74.9864, 73.5653, 89.4844

Triad

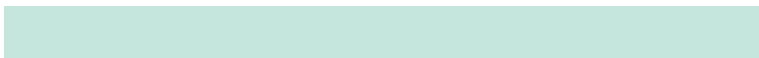
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6628, 73.5653, 95.9577



73.1258, 73.5653, 66.7508



64.2213, 73.5653, 79.3578

Complementary

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



72.6628, 73.5653, 95.9577



81.2067, 88.3958, 80.4957

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.



65.0902, 73.5653, 71.3960



72.6628, 73.5653, 95.9577



70.1819, 73.5653, 64.4559

Square

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



72.6628, 73.5653, 95.9577



75.2591, 73.5653, 72.5972



67.2502, 73.5653, 66.0935



64.8426, 73.5653, 88.1029

Rectangle

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



72.6628, 73.5653, 95.9577



75.8079, 73.5653, 83.8047



67.2502, 73.5653, 66.0935



64.3482, 73.5653, 76.5063

Sweetspot

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



72.6650, 73.5684, 95.9593



90.3510, 94.0266, 107.9947



77.1246, 84.3053, 97.7967



19.0763, 19.7923, 23.0648



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.



72.6650, 73.5684, 95.9593



77.2852, 77.4865, 105.4908



76.3841, 75.4857, 96.1334



15.8383, 16.0593, 20.8076



9.4442, 3.8430, 46.7820



0.9027, 0.3752, 4.1151

Inverse Universe

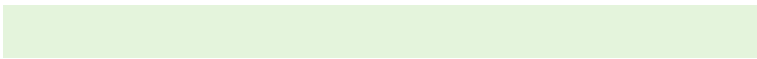
The Inverse Universe completely reimagines the original color for something new.



78.6321, 76.7139, 93.1044



85.2434, 81.6826, 101.6363



77.3932, 86.4299, 80.3172



17.0881, 16.7181, 20.2107



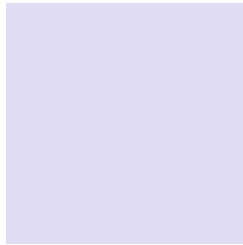
26.2146, 12.8293, 32.1681



2.3348, 1.1399, 2.9895

Previews

White Background



This preview shows how the XYZ color 72.6628, 73.5653, 95.9577 looks on a white background.

Color Contrast Check

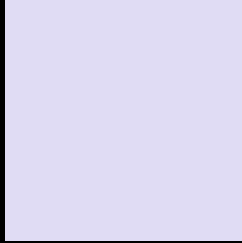
Large Text (above 18pt) WCAG AA × Fail

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 72.6628, 73.5653, 95.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

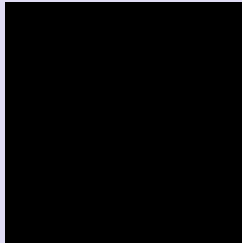
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6628, 73.5653, 95.9577

Background



This preview shows how black text looks on a background with the XYZ color 72.6628, 73.5653, 95.9577.



This preview shows how white text looks on a background with the XYZ color 72.6628, 73.5653,

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

72.6628, 73.5653, 95.9577

Protanopia

71.8531, 73.5211, 96.7901

Deuteranopia

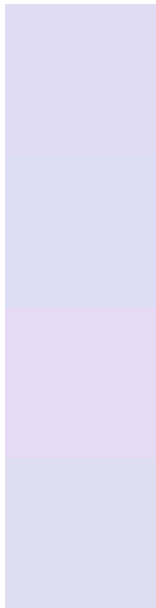
75.2260, 73.7107, 96.6490



Tritanopia

71.7205, 73.5739, 91.3100

Trichromacy



Original Color

72.6628, 73.5653, 95.9577

Protanomaly

72.1567, 73.6776, 96.8043

Deuteranomaly

74.1860, 73.5584, 96.6744

Tritanomaly

72.0161, 73.6921, 92.8664

Monochromacy



Original Color

72.6628, 73.5653, 95.9577

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5520, 74.3922, 86.1892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6628, 73.5653, 95.9577 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(224, 220, 244) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 244)  
}
```

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(224, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.6628, 73.5653, 95.9577 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(224, 220, 244) }
```


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

```
.border{ border-color:rgb(224, 220, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6628, 73.5653, 95.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 244) }
```

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

```
.background{ background-color: rgb(224,  
220, 244) }
```

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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