

Converting Colors

XYZ(73.2706, 75.5775, 89.3826)

Have a look what the booklet for
XYZ(73.2706, 75.5775, 89.3826)
contains.

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Color

**XYZ(73.3296, 75.6404,
89.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E0EB
RGB	227, 224, 235
RGB Percent	89%, 88%, 92%
CMY	0.1098, 0.1215, 0.0784
CMYK	0.03, 0.05, 0.00, 0.08
HSL	256°, 22%, 90%
HSV	256°, 5%, 92%
XYZ	73.3296, 75.6404, 89.3324
YIQ	226.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

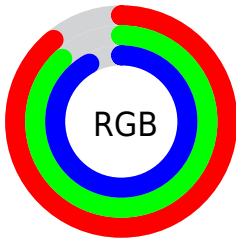
Format	Color
R_{YB}	227, 224, 235
Decimal	14934251
CIE _{Lab}	89.69, 3.01, -5.00
CIE _{LCh}	90, 5.841, 301.049
Yxy	75.6404, 0.3077, 0.3174
Android (android.graphics.Color)	4293124331 (0xFFE3E0EB)
YUV	226.1510, 4.3626, 0.7446
Hunter-Lab	86.9715, -1.6987, -0.0194

Details

The XYZ color **73.3296, 75.6404, 89.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4445, 81.9563, 82.3150**, and the grayscale version is **72.3702, 76.1391, 82.9154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3379, 40.4013, 48.3727** is the 20% darker color. If you saturate the color by 10%, you get **62.3183, 61.2289, 87.1322**, and if you desaturate by 10%, it is **85.7536, 92.0801, 91.8519**.

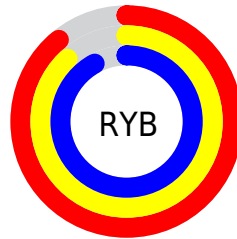
Distribution



Red (89%)

Green (88%)

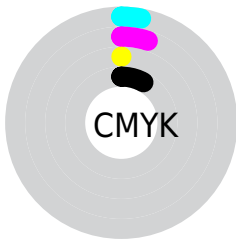
Blue (92%)



Red (89%)

Yellow (88%)

Blue (92%)

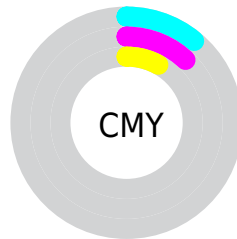


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3296, 75.6404, 89.3324 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 73.3296, 75.6404, 89.3324 by changing the saturation by 10% instead.

73.3296, 75.6404,
89.3324

73.3296, 75.6404,
89.3324

461.2425,
480.1158, 546.3707

54.5348, 56.1377,
66.8565

122.9456,
127.2185, 148.3381

39.2618, 40.3133,
48.5071

154.4976,
160.0626, 185.7050

27.1451, 27.7829,
33.8658

191.0327,
198.1227, 228.8726

17.8194, 18.1621,
22.5140

232.9163,
241.7831, 278.2595

10.9193, 11.0664,
14.0332

280.5137,
291.4282, 334.2843

6.0795, 6.1115,
8.0047

334.1903,

2.9346, 2.9130,

347.4424, 397.3653

4.0102

394.3114,
410.2102, 467.9213

■ 1.1193, 1.0865,
1.6309

■ 0.0411, 0.0000,
0.3127

■ 73.3296, 75.6404,
89.3324

■ 73.3296, 75.6404,
89.3324

■ 62.3183, 61.2289,
87.1322

■ 85.7536, 92.0801,
91.8519

■ 52.6621, 48.7568,
85.2338

■ 91.9956, 98.7782,
92.8158

■ 44.3089, 38.1428,
83.6253

■ 37.2005, 29.2963,
82.2924

■ 31.2745, 22.1188,
81.2194

■ 26.4623, 16.5019,
80.3888

■ 22.6880, 12.3242,
79.7814

■ 19.8651, 9.4453,
79.3745

■ 17.8908, 7.6951,
79.1407

Harmonies

Analogous

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



71.9445, 75.6404, 90.5341



73.3296, 75.6404, 89.3324



74.3409, 75.6404, 86.2529

Triad

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



73.3296, 75.6404, 89.3324



73.2408, 75.6404, 75.6223



69.1644, 75.6404, 82.5045

Complementary

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



73.3296, 75.6404, 89.3324



76.4445, 81.9563, 82.3150

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.



69.5013, 75.6404, 78.5852



73.3296, 75.6404, 89.3324



71.8433, 75.6404, 74.6924

Square

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



73.3296, 75.6404, 89.3324



74.2891, 75.6404, 78.3421



70.4771, 75.6404, 75.7593



69.5508, 75.6404, 86.5120

Rectangle

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



73.3296, 75.6404, 89.3324



74.6602, 75.6404, 83.5979



70.4771, 75.6404, 75.7593



69.1968, 75.6404, 81.1334

Sweetspot

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



73.3318, 75.6436, 89.3341



93.5627, 98.0336, 108.5988



74.6139, 79.5986, 90.0299



20.0419, 21.0040, 23.2478



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.



73.3318, 75.6436, 89.3341



86.3846, 88.5733, 107.1511



75.0731, 76.5413, 89.4155



15.3034, 15.6484, 19.1361



9.6283, 3.9995, 44.0075



0.8457, 0.3603, 3.4598

Inverse Universe

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



75.4848, 76.8031, 87.1939



89.6978, 90.3581, 103.8405



74.7075, 81.0609, 82.2337



15.9528, 15.9982, 18.4857



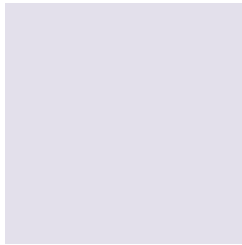
23.2134, 11.4880, 22.7227



1.8628, 0.9181, 1.9949

Previews

White Background



This preview shows how the XYZ color 73.3296, 75.6404, 89.3324 looks on a white background.

Color Contrast Check

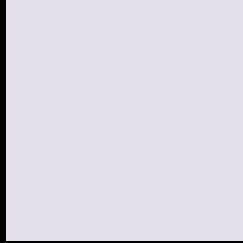
Large Text (above 18pt) WCAG AA × Fail

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 73.3296, 75.6404, 89.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

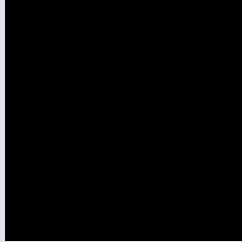
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

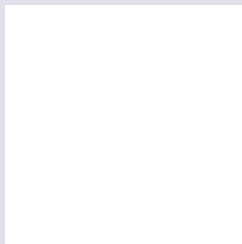
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3296, 75.6404, 89.3324

Background



This preview shows how black text looks on a background with the XYZ color 73.3296, 75.6404, 89.3324.



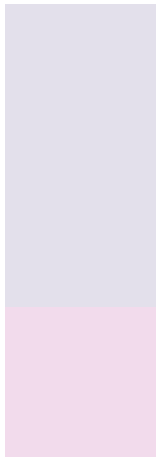
This preview shows how white text looks on a background with the XYZ color 73.3296, 75.6404,

89.3324.

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

73.3296, 75.6404, 89.3324

Protanopia

73.3296, 75.6404, 89.3324

Deuteranopia

77.0898, 75.5964, 89.8854



Tritanopia

74.2598, 75.6202, 93.9013

Trichromacy



Original Color

73.3296, 75.6404, 89.3324

Protanomaly

73.3296, 75.6404, 89.3324

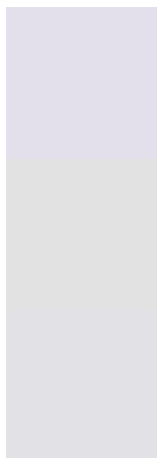
Deuteranomaly

75.9218, 75.7736, 89.9811

Tritanomaly

73.9626, 75.5013, 92.3363

Monochromacy



Original Color

73.3296, 75.6404, 89.3324

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4321, 75.6763, 84.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3296, 75.6404, 89.3324 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, 224, 235) looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 235)  
}
```

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, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.3296, 75.6404, 89.3324 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, 224, 235) }
```


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

```
.border{ border-color:rgb(227, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3296, 75.6404, 89.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 235) }
```

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

```
.background{ background-color: rgb(227,  
224, 235) }
```

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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