

Converting Colors

XYZ(73.3786, 75.8764, 97.9669)

Have a look what the booklet for
XYZ(73.3786, 75.8764, 97.9669)
contains.

XYZ(73.3786, 75.8764, 97.9669)	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(73.3786, 75.8764,
97.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE1F6
RGB	221, 225, 246
RGB Percent	87%, 88%, 96%
CMY	0.1333, 0.1176, 0.0353
CMYK	0.10, 0.09, 0.00, 0.04
HSL	230°, 58%, 92%
HSV	230°, 10%, 96%
XYZ	73.3786, 75.8764, 97.9669
YIQ	226.1980, -9.1250, 5.6830

Conversions

Conversions Part 2

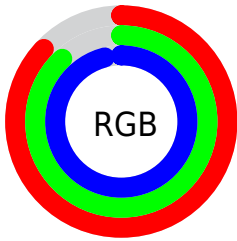
Format	Color
R _Y B	221, 224, 246
Decimal	14541302
CIE Lab	89.80, 2.64, -10.66
CIE LCh	90, 10.985, 283.913
Yxy	75.8764, 0.2968, 0.3069
Android (android.graphics.Color)	4292731382 (0xFFDDE1F6)
YUV	226.1980, 9.7624, -4.5586
Hunter-Lab	87.1071, -2.0698, -5.7069

Details

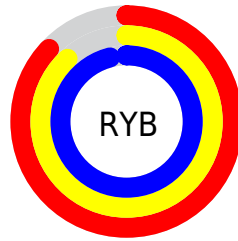
The XYZ color **73.3786, 75.8764, 97.9669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.8097, 88.3171, 81.0906**, and the grayscale version is **72.3702, 76.1390, 82.9154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3949, 40.5741, 54.4705** is the 20% darker color. If you saturate the color by 10%, you get **61.1792, 61.7930, 95.8927**, and if you desaturate by 10%, it is **87.3558, 91.8836, 100.3211**.

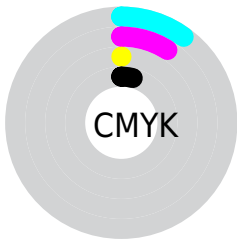
Distribution



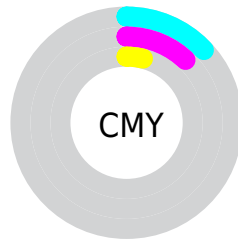
- Red (87%)
- Green (88%)
- Blue (96%)



- Red (87%)
- Yellow (88%)
- Blue (96%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3786, 75.8764, 97.9669 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 73.3786, 75.8764, 97.9669 by changing the saturation by 10% instead.

■ 73.3786, 75.8764,
97.9669

■ 73.3786, 75.8764,
97.9669

461.4094,
480.9245, 574.8454

■ 54.5751, 56.3312,
73.9963

123.0148,
127.5522, 160.3878

■ 39.2941, 40.4685,
54.2942

154.5781,
160.4515, 199.6753

■ 27.1704, 27.9040,
38.4422

191.1255,
198.5710, 244.9054

■ 17.8385, 18.2533,
26.0216

233.0222,
242.2950, 296.4968

■ 10.9331, 11.1320,
16.6139

280.6335,
292.0080, 354.8679

■ 6.0888, 6.1557,
9.8005

334.3250,

■ 2.9403, 2.9400,

348.0943, 420.4374

5.1630

394.4618,
410.9383, 493.6237

■ 1.1223, 1.1005,
2.2828

■ 0.0436, 0.0000,
0.7216

■ 73.3786, 75.8764,
97.9669

■ 73.3786, 75.8764,
97.9669

■ 61.1792, 61.7930,
95.8927

■ 87.3558, 91.8836,
100.3211

■ 50.6792, 49.5514,
94.0832

■ 93.6348, 99.4339,
101.4475

■ 41.8046, 39.0776,
92.5293

■ 34.4729, 30.2889,
91.2194

■ 28.5946, 23.0959,
90.1408

■ 24.0703, 17.4008,
89.2800

■ 20.7881, 13.0945,
88.6218

■ 18.6172, 10.0525,
88.1490

■ 17.3731, 8.1306,
87.8436

Harmonies

Analogous

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



70.6838, 75.8764, 97.8028



73.3786, 75.8764, 97.9669



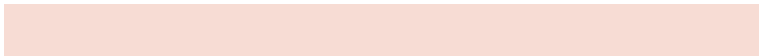
75.7934, 75.8764, 93.8415

Triad

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



73.3786, 75.8764, 97.9669



75.9380, 75.8764, 72.6913



67.2259, 75.8764, 78.5495

Complementary

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



73.3786, 75.8764, 97.9669



82.8097, 88.3171, 81.0906

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.



68.5638, 75.8764, 72.3243



73.3786, 75.8764, 97.9669



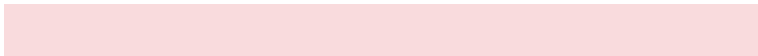
73.5719, 75.8764, 69.0897

Square

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



73.3786, 75.8764, 97.9669



77.2959, 75.8764, 79.0795



70.8724, 75.8764, 68.9597



67.1771, 75.8764, 86.2575

Rectangle

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



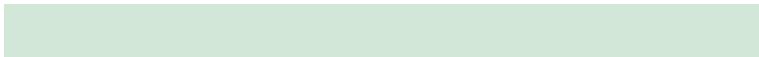
73.3786, 75.8764, 97.9669



76.9007, 75.8764, 89.3548



70.8724, 75.8764, 68.9597



67.5383, 75.8764, 76.2258

Sweetspot

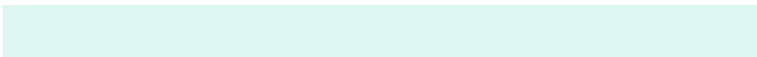
The Sweet Spot groups the original color and five complimentary colors.



73.3808, 75.8796, 97.9686



90.2758, 94.5467, 108.0990



78.7779, 87.6858, 96.6475



19.0561, 19.9319, 23.0928



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.



73.3808, 75.8796, 97.9686



77.0169, 79.3358, 105.8619



74.9120, 75.0812, 97.7338



15.7954, 16.3552, 20.8669



9.3383, 4.4703, 46.9087



0.8823, 0.5160, 4.1433

Inverse Universe

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



77.4549, 76.7437, 81.9685



82.1880, 80.4605, 85.5469



81.1563, 89.2528, 81.3583



16.6073, 16.5258, 17.6787



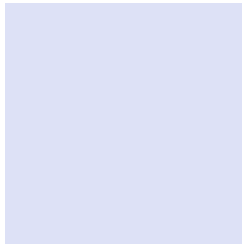
20.5180, 10.5506, 2.1704



1.8344, 0.9397, 0.3544

Previews

White Background



This preview shows how the XYZ color 73.3786, 75.8764, 97.9669 looks on a white background.

Color Contrast Check

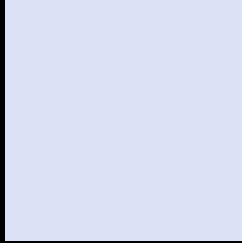
Large Text (above 18pt) WCAG AA × Fail

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 73.3786, 75.8764, 97.9669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

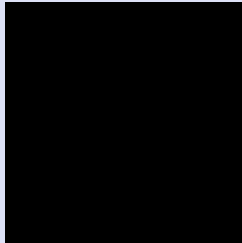
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3786, 75.8764, 97.9669

Background



This preview shows how black text looks on a background with the XYZ color 73.3786, 75.8764, 97.9669.



This preview shows how white text looks on a background with the XYZ color 73.3786, 75.8764,

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

73.3786, 75.8764, 97.9669

Protanopia

73.8776, 75.7512, 97.1139

Deuteranopia

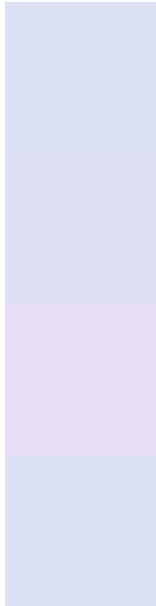
77.3799, 75.5556, 98.5010



Tritanopia

72.9217, 75.6936, 95.5610

Trichromacy



Original Color

73.3786, 75.8764, 97.9669

Protanomaly

73.5685, 75.5919, 97.0994

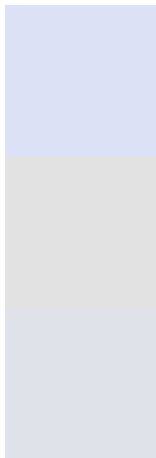
Deuteranomaly

75.9237, 75.5841, 98.5833

Tritanomaly

73.0731, 75.7542, 96.3586

Monochromacy



Original Color

73.3786, 75.8764, 97.9669

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6448, 76.1232, 87.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3786, 75.8764, 97.9669 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(221, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 246)  
}
```

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(221, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.3786, 75.8764, 97.9669 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(221, 225, 246) }
```


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

```
.border{ border-color:rgb(221, 225, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3786, 75.8764, 97.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 246) }
```

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

```
.background{ background-color: rgb(221,  
225, 246) }
```

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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