

Converting Colors

XYZ(73.7820, 75.6208, 80.4477)

Have a look what the booklet for
XYZ(73.7820, 75.6208, 80.4477)
contains.

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Color

**XYZ(73.9679, 75.7652,
80.5377)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFDF
RGB	235, 223, 223
RGB Percent	92%, 87%, 87%
CMY	0.0784, 0.1255, 0.1255
CMYK	0.00, 0.05, 0.05, 0.08
HSL	0°, 23%, 90%
HSV	0°, 5%, 92%
XYZ	73.9679, 75.7652, 80.5377
YIQ	226.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

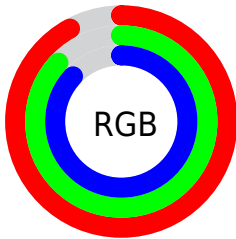
Format	Color
R _Y B	235, 223, 223
Decimal	15458271
CIE Lab	89.75, 4.09, 1.45
CIE LCh	90, 4.340, 19.574
Yxy	75.7652, 0.3212, 0.3290
Android (android.graphics.Color)	4293648351 (0xFFE8BFD8)
YUV	226.5880, -1.7689, 7.3773
Hunter-Lab	87.0432, -0.6392, 6.0715

Details

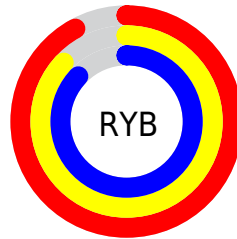
The XYZ color **73.9679, 75.7652, 80.5377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1351, 81.1016, 90.2924**, and the grayscale version is **72.7251, 76.5124, 83.3220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6609, 40.4161, 42.7565** is the 20% darker color. If you saturate the color by 10%, you get **65.1702, 62.8926, 63.0433**, and if you desaturate by 10%, it is **84.0805, 90.5620, 100.6418**.

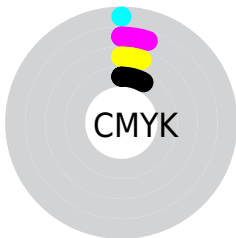
Distribution



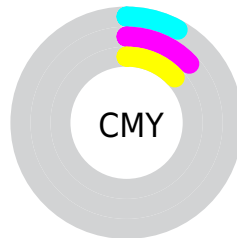
- Red (92%)
- Green (87%)
- Blue (87%)



- Red (92%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9679, 75.7652, 80.5377 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 73.9679, 75.7652, 80.5377 by changing the saturation by 10% instead.

73.9679, 75.7652,
80.5377

73.9679, 75.7652,
80.5377

463.4146,
480.5436, 516.4975

55.0590, 56.2400,
59.6322

123.8460,
127.3949, 135.9397

39.6830, 40.3954,
42.6989

155.5460,
160.2683, 171.2732

27.4745, 27.8469,
29.3193

192.2402,
198.3598, 212.2531

18.0684, 18.2103,
19.0748

234.2942,
242.0538, 259.2979

11.0991, 11.1011,
11.5470

282.0733,
291.7348, 312.8263

6.2013, 6.1349,
6.3172

335.9428,

3.0097, 2.9273,

347.7872, 373.2566

2.9670

396.2681,
410.5953, 441.0075

■ 1.1589, 1.0939,
1.0778

■ 0.0735, 0.0000,
0.0000

■ 73.9679, 75.7652,
80.5377

■ 73.9679, 75.7652,
80.5377

■ 65.1702, 62.8926,
63.0433

■ 84.0805, 90.5620,
100.6418

■ 57.6274, 51.8558,
48.0469

■ 88.0714, 96.4024,
108.5734

■ 51.2842, 42.5741,
35.4361

■ 46.0788, 34.9573,
25.0881

■ 41.9441, 28.9068,
16.8689

■ 38.8055, 24.3138,
10.6306

■ 36.5793, 21.0557,
6.2063

■ 35.1677, 18.9897,
3.4020

■ 34.4511, 17.9404,
1.9791

Harmonies

Analogous

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



74.0544, 75.7652, 83.5660



73.9679, 75.7652, 80.5377



73.3546, 75.7652, 78.0921

Triad

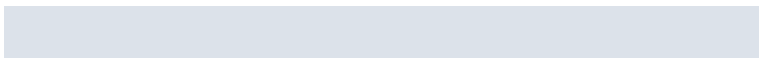
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9679, 75.7652, 80.5377



70.4582, 75.7652, 78.7343



71.6410, 75.7652, 88.4253

Complementary

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



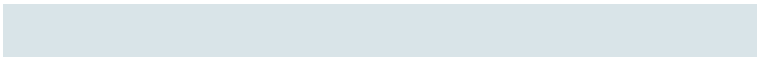
73.9679, 75.7652, 80.5377



75.1351, 81.1016, 90.2924

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.



70.6870, 75.7652, 87.0612



73.9679, 75.7652, 80.5377



70.0086, 75.7652, 81.4340

Square

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



73.9679, 75.7652, 80.5377



71.3257, 75.7652, 77.0689



70.0920, 75.7652, 84.4846



72.7038, 75.7652, 88.1709

Rectangle

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



73.9679, 75.7652, 80.5377



72.7328, 75.7652, 77.0976



70.0920, 75.7652, 84.4846



71.2971, 75.7652, 88.1395

Sweetspot

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



73.9700, 75.7685, 80.5393



92.6347, 96.4660, 104.0977



75.6451, 76.4368, 89.3651



19.8529, 20.6847, 22.3315



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.



73.9700, 75.7685, 80.5393



87.9969, 89.6801, 94.8767



75.6006, 79.0296, 81.0829



15.6200, 15.8656, 16.7322



19.0684, 9.8311, 0.8926



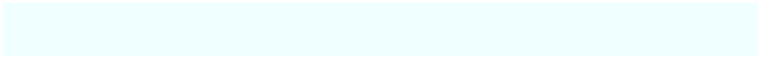
1.4975, 0.7723, 0.0701

Inverse Universe

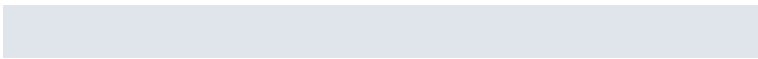
The Inverse Universe completely reimagines the original color for something new.



75.1351, 81.1016, 90.2924



89.6418, 97.2096, 108.6464



73.4472, 77.7259, 89.7297



15.9422, 17.3403, 19.4290



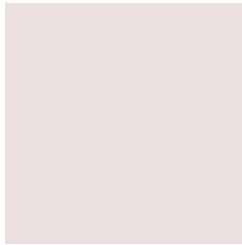
24.8677, 36.3824, 49.4548



1.9528, 2.8572, 3.8834

Previews

White Background



This preview shows how the XYZ color 73.9679, 75.7652, 80.5377 looks on a white background.

Color Contrast Check

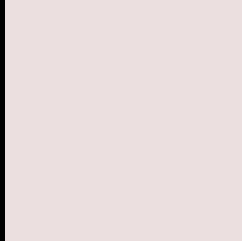
Large Text (above 18pt) WCAG AA × Fail

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 73.9679, 75.7652, 80.5377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

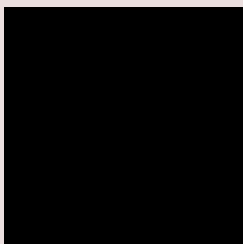
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

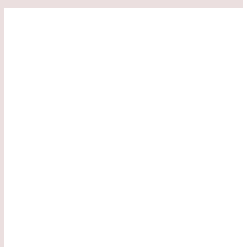
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9679, 75.7652, 80.5377

Background



This preview shows how black text looks on a background with the XYZ color 73.9679, 75.7652, 80.5377.

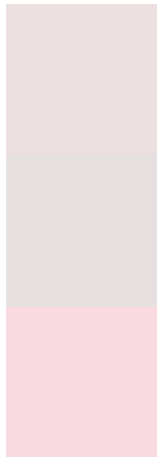


This preview shows how white text looks on a background with the XYZ color 73.9679, 75.7652,

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

73.9679, 75.7652, 80.5377

Protanopia

73.0129, 76.0552, 81.3529

Deuteranopia

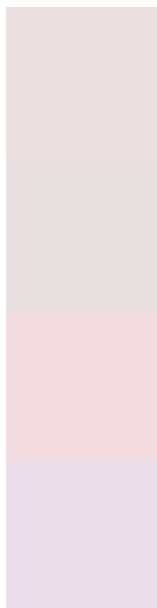
77.2373, 75.4811, 81.0195



Tritanopia

76.2141, 75.8905, 91.5203

Trichromacy



Original Color

73.9679, 75.7652, 80.5377

Protanomaly

73.3889, 75.8489, 81.2933

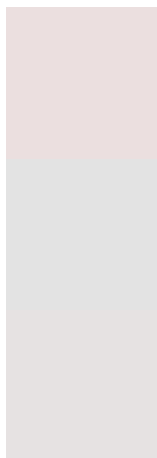
Deuteranomaly

76.0099, 75.6229, 81.1115

Tritanomaly

75.4213, 75.9586, 87.7771

Monochromacy



Original Color

73.9679, 75.7652, 80.5377

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5570, 76.7067, 82.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9679, 75.7652, 80.5377 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(235, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 223)  
}
```

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(235, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.9679, 75.7652, 80.5377 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(235, 223, 223) }
```


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

```
.border{ border-color:rgb(235, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9679, 75.7652, 80.5377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 223) }
```

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

```
.background{ background-color: rgb(235,  
223, 223) }
```

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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